

FIG. 1

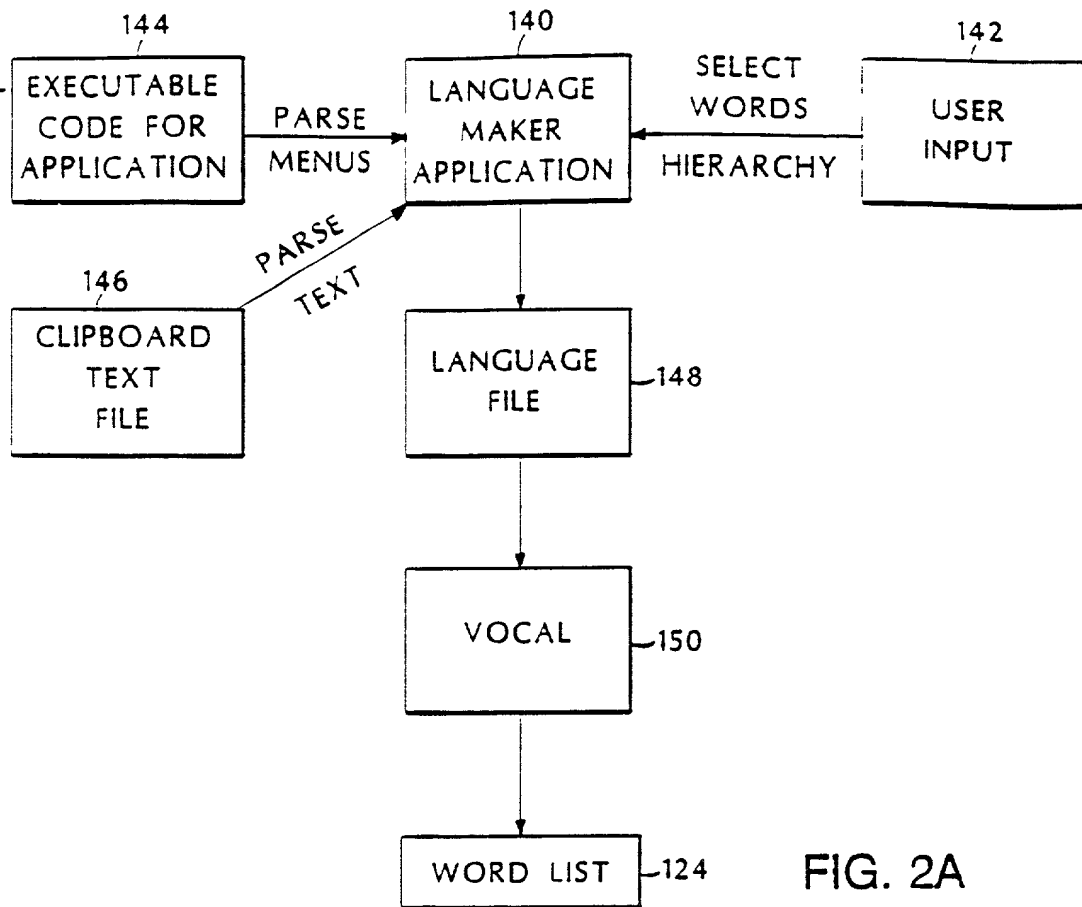


FIG. 2A

122		124	
UTTERANCE		UTTERANCE NAME	COMMAND STRING
147	"immortalize"	149	save file → @MENU (file, 2)
147	"palatino"	149	palatino → @MENU (font, 1)
	⋮	⋮	⋮

151

FIG. 2B

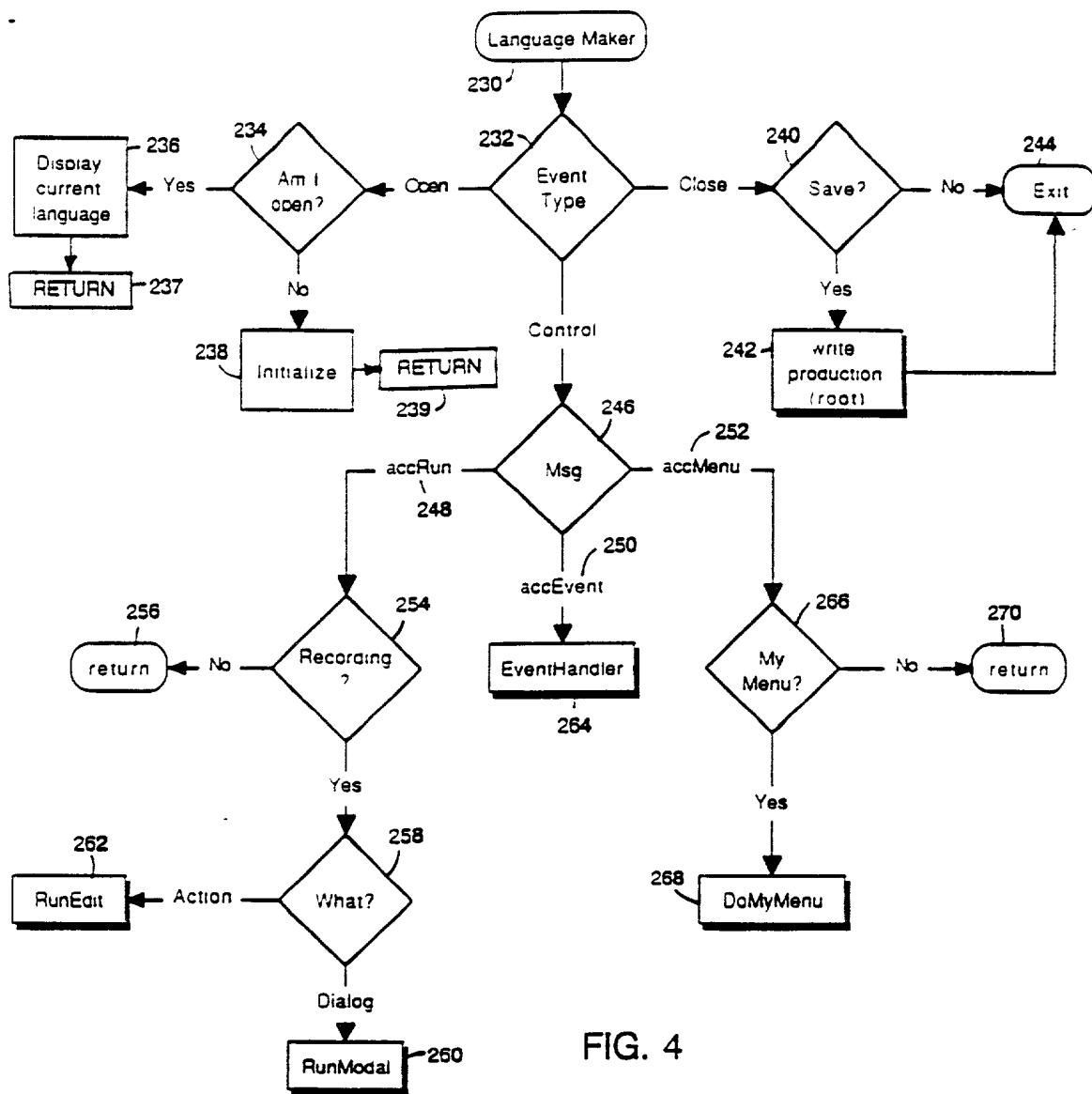


FIG. 4

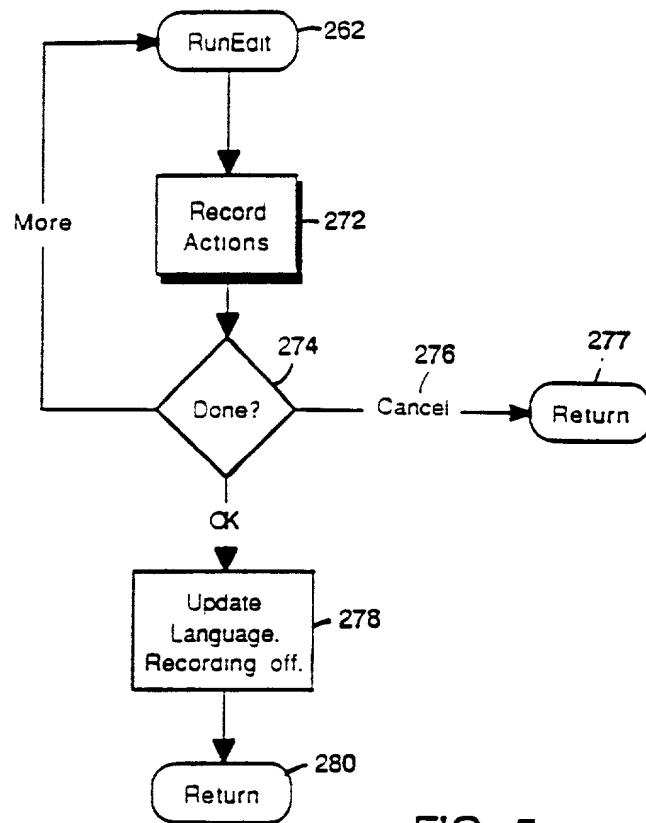


FIG. 5

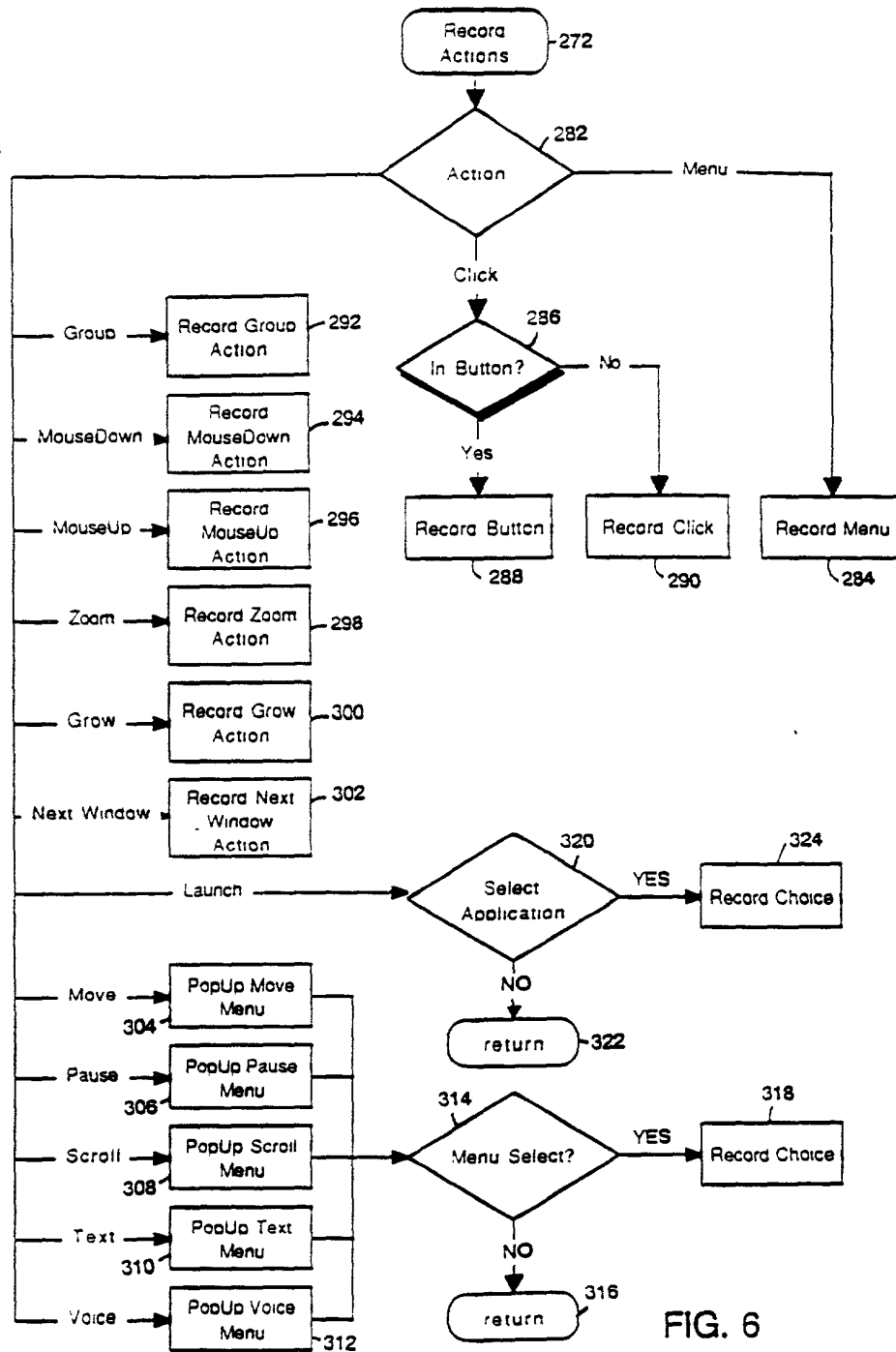


FIG. 6

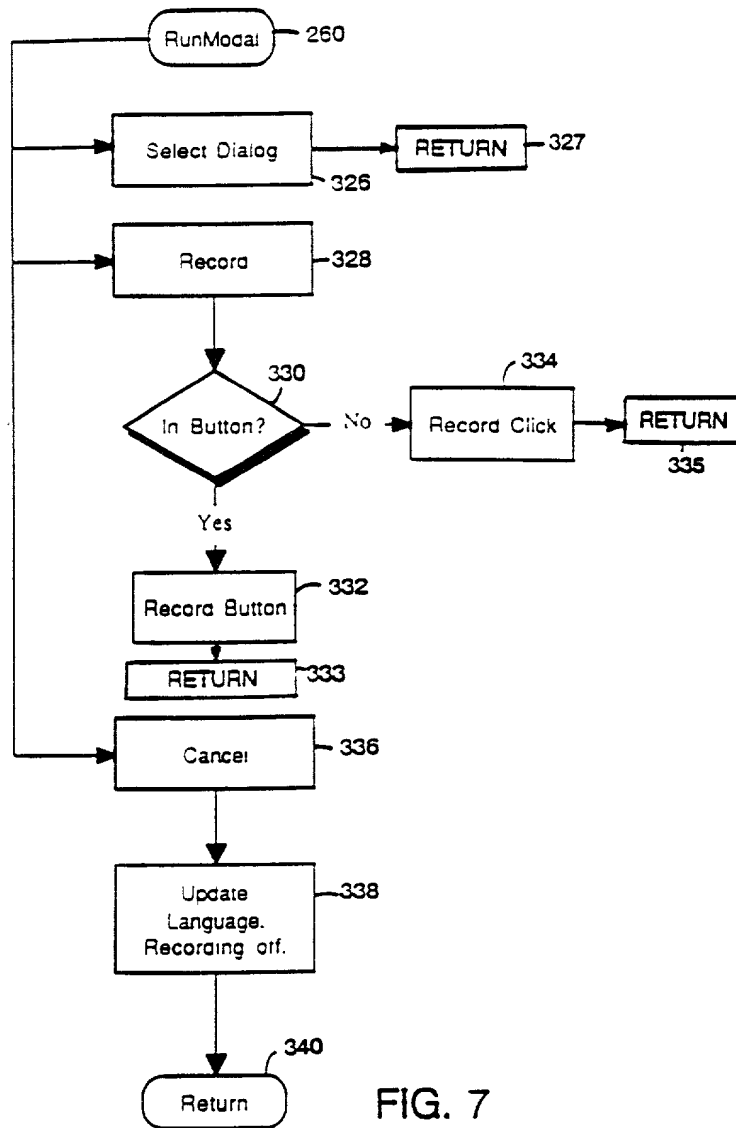


FIG. 7

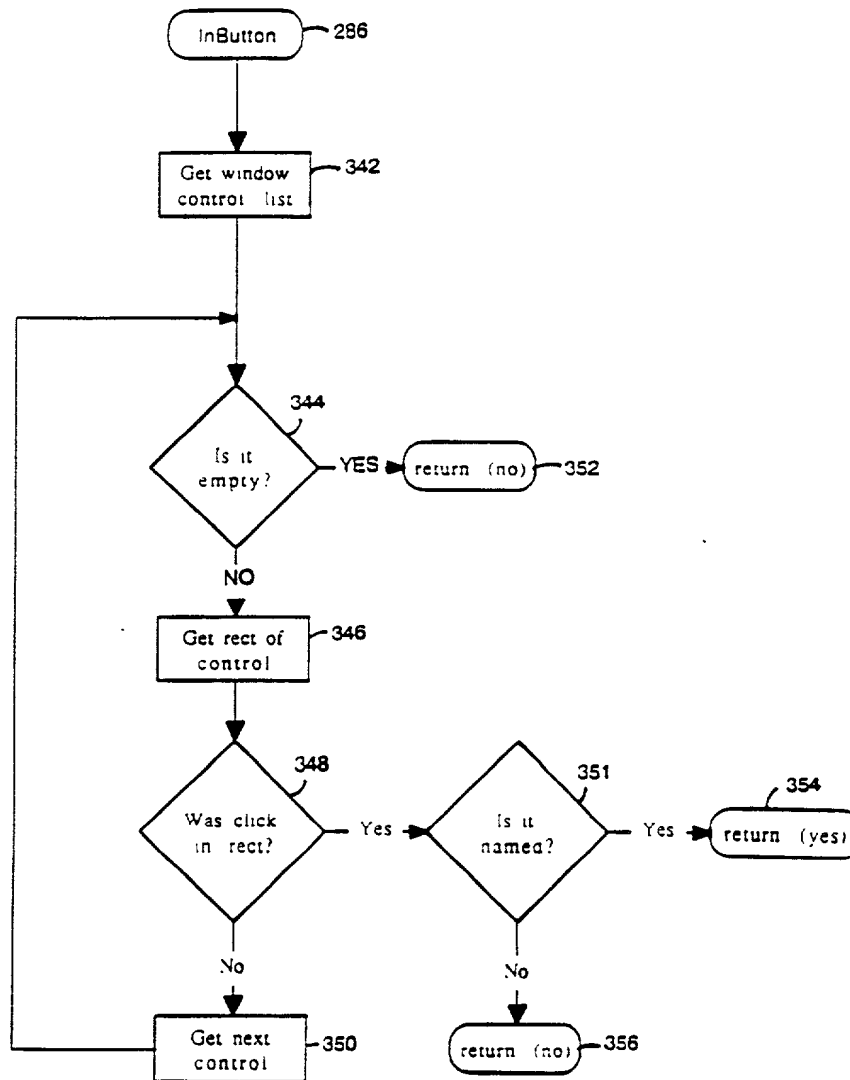


FIG. 8

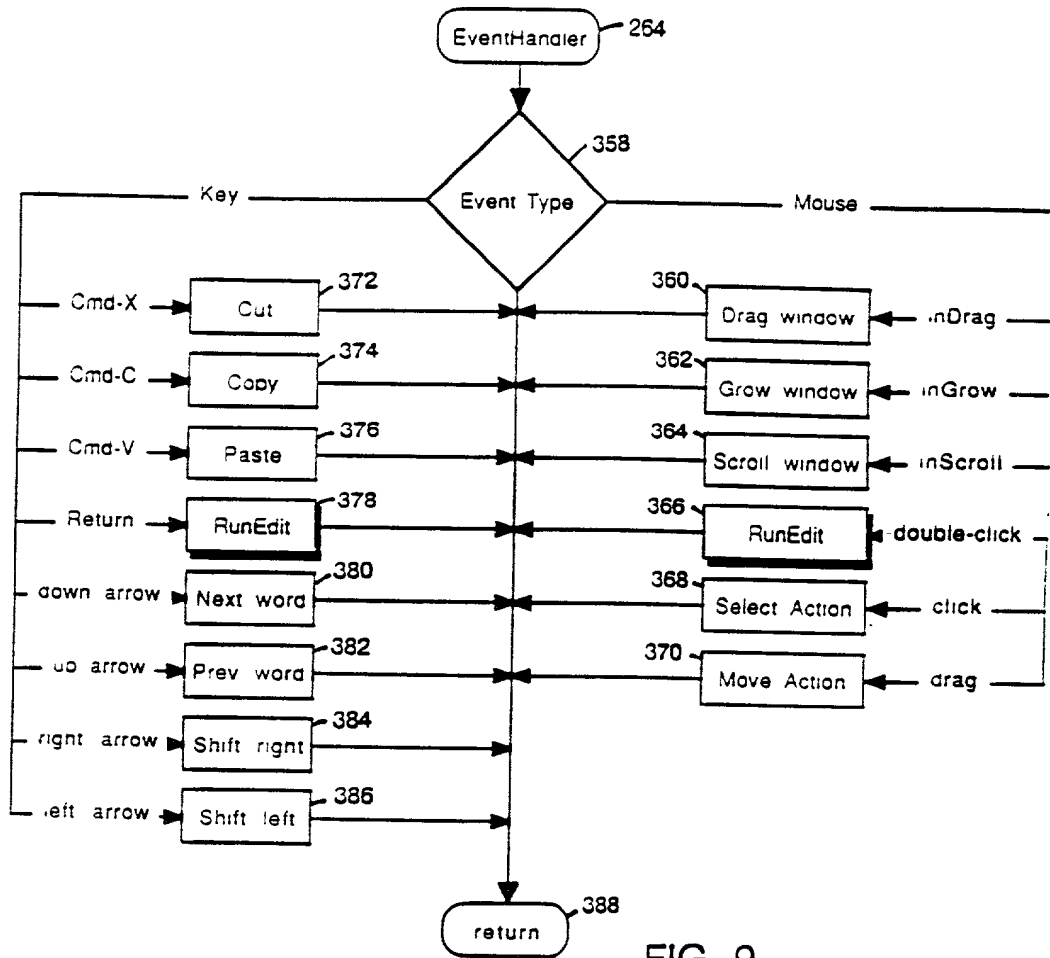


FIG. 9

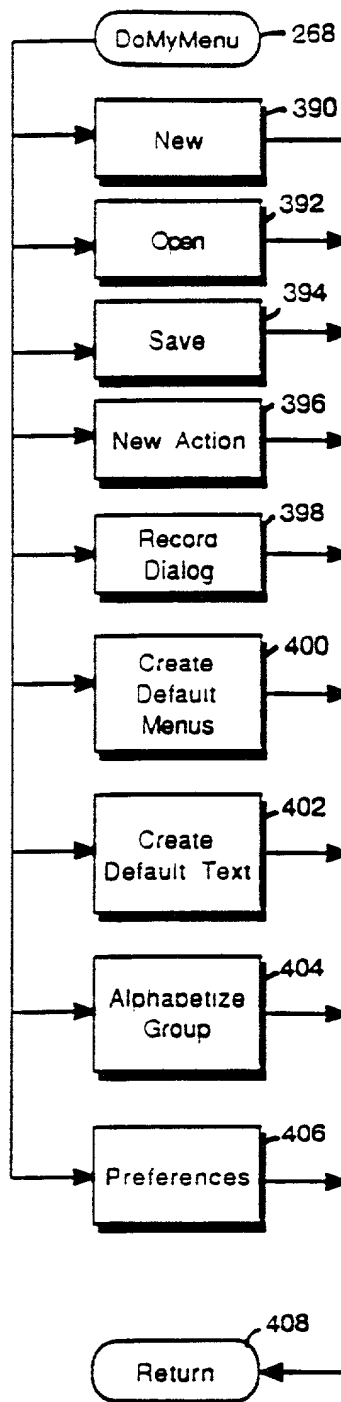


FIG. 10

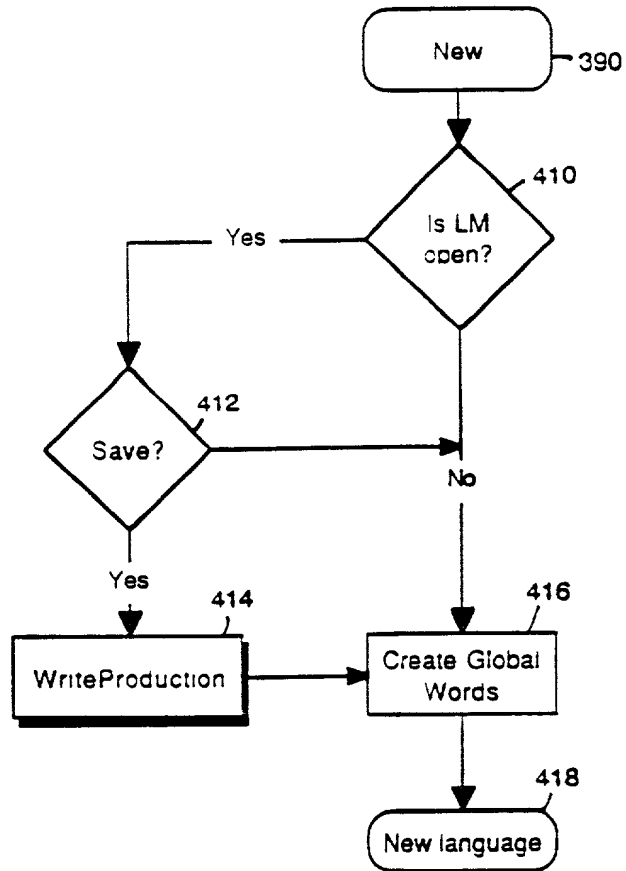


FIG. 11A

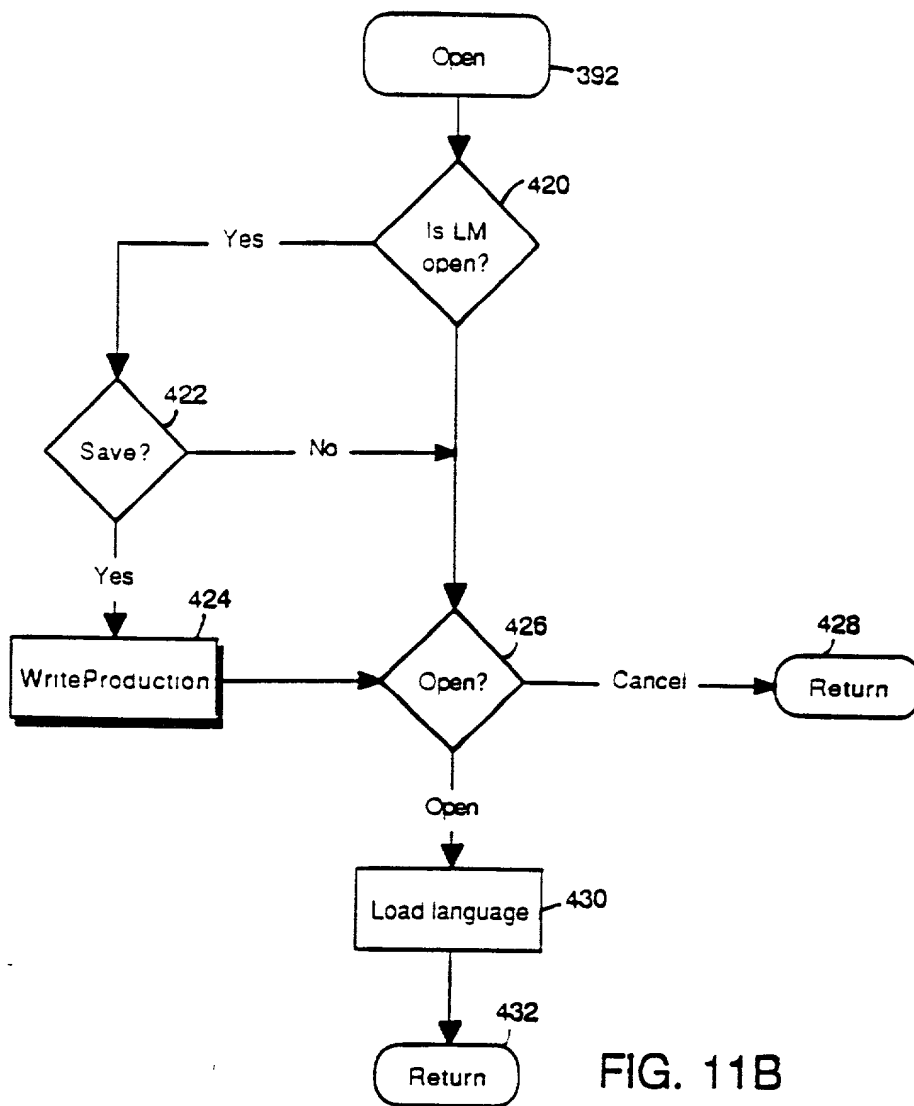


FIG. 11B

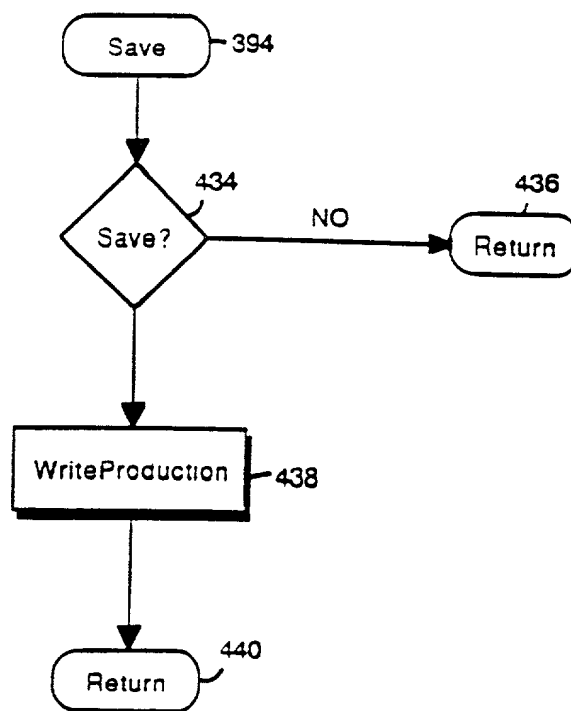


FIG. 11C

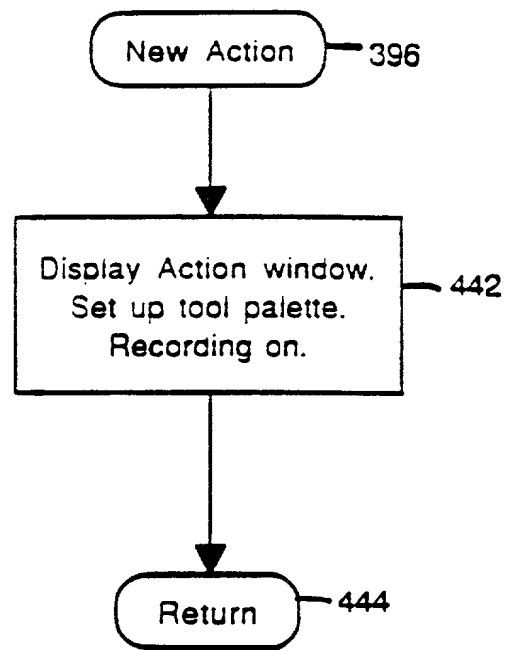


FIG. 11D

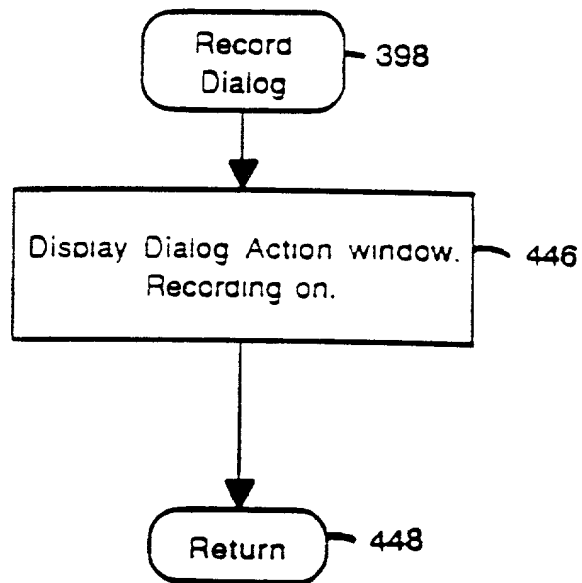


FIG. 11E

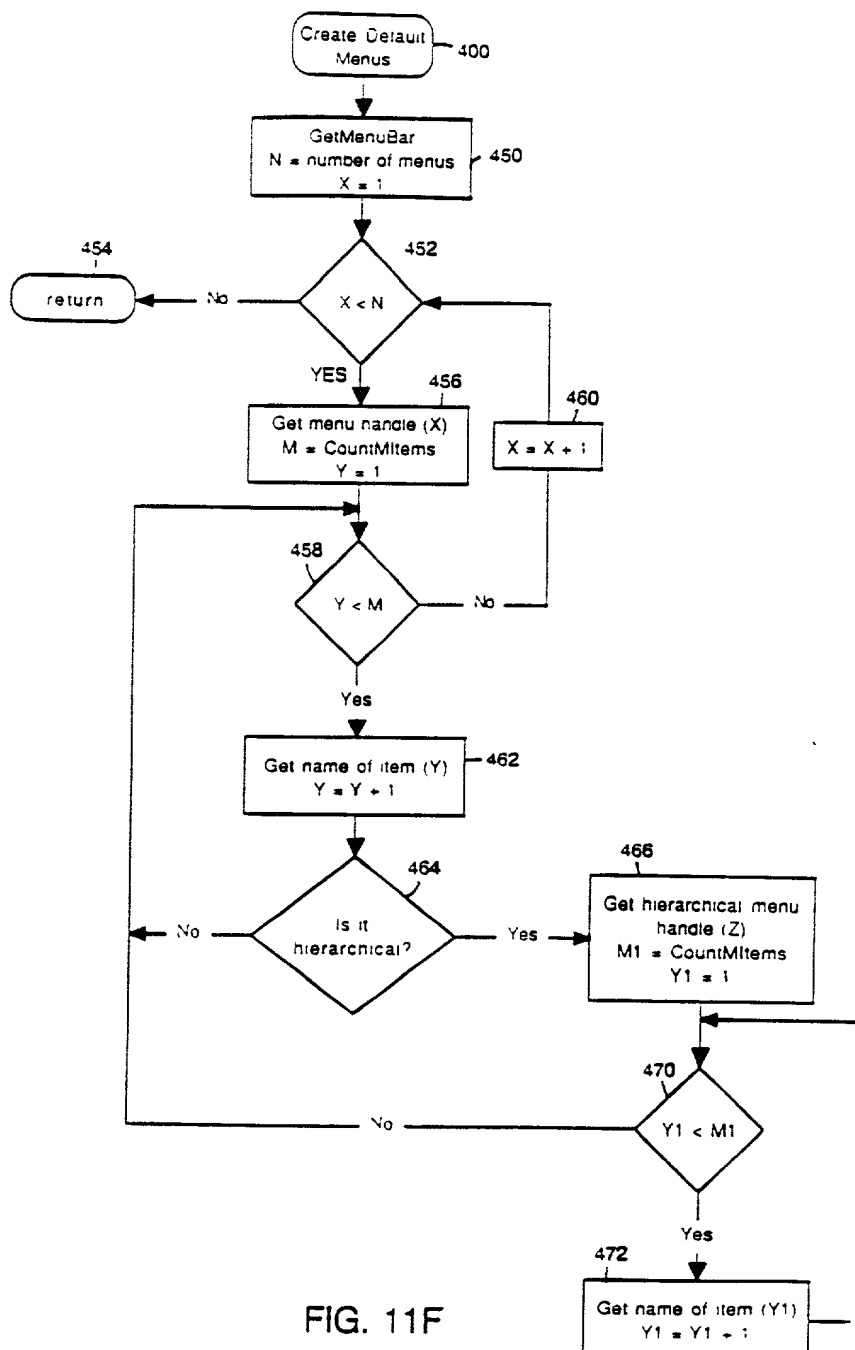


FIG. 11F

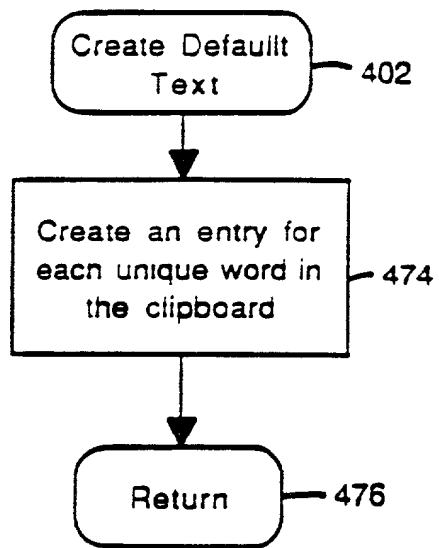


FIG. 11G

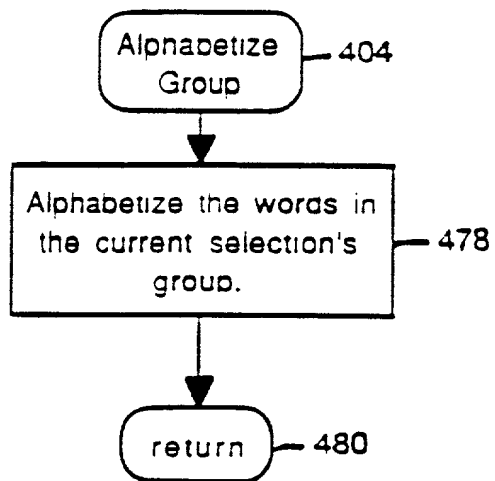


FIG. 11H

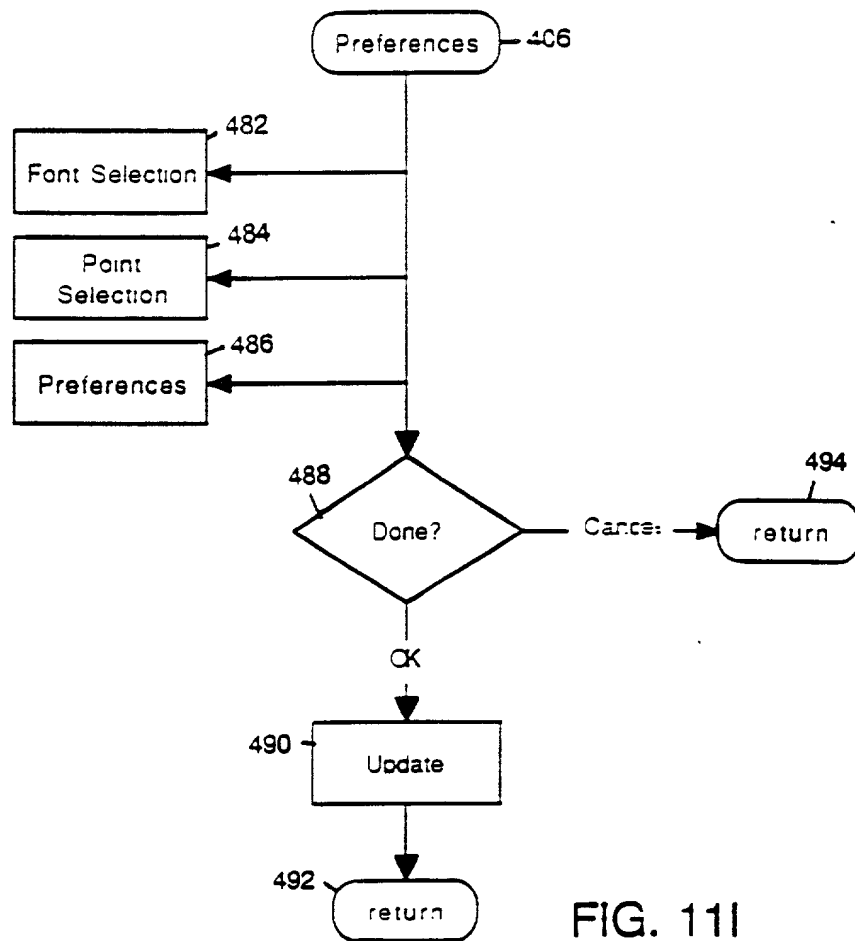


FIG. 111

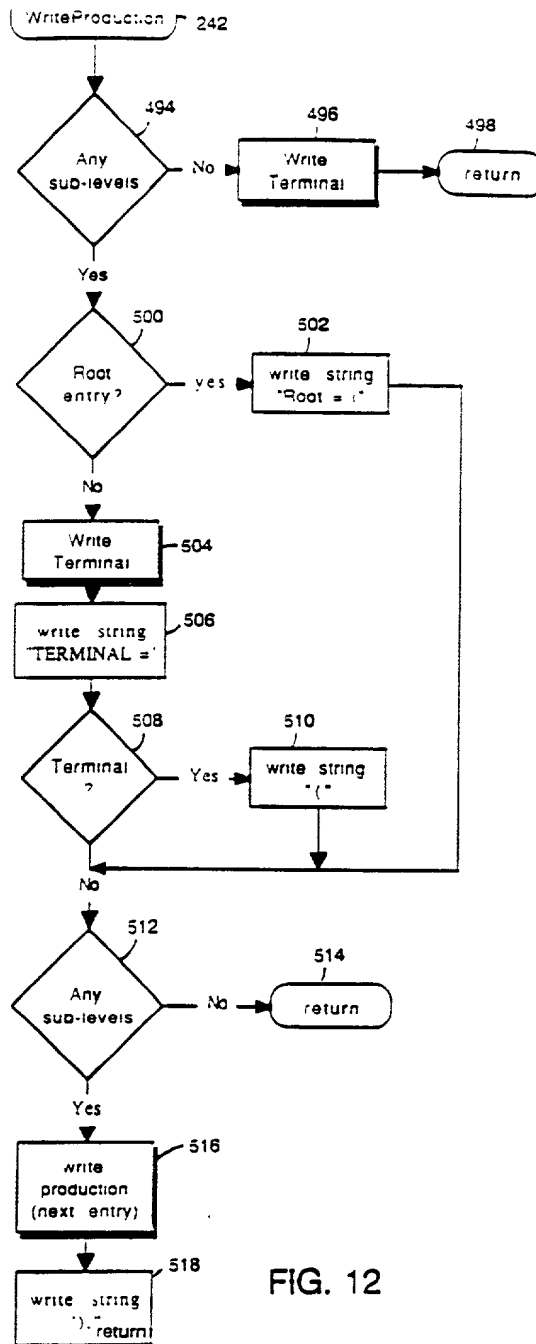


FIG. 12

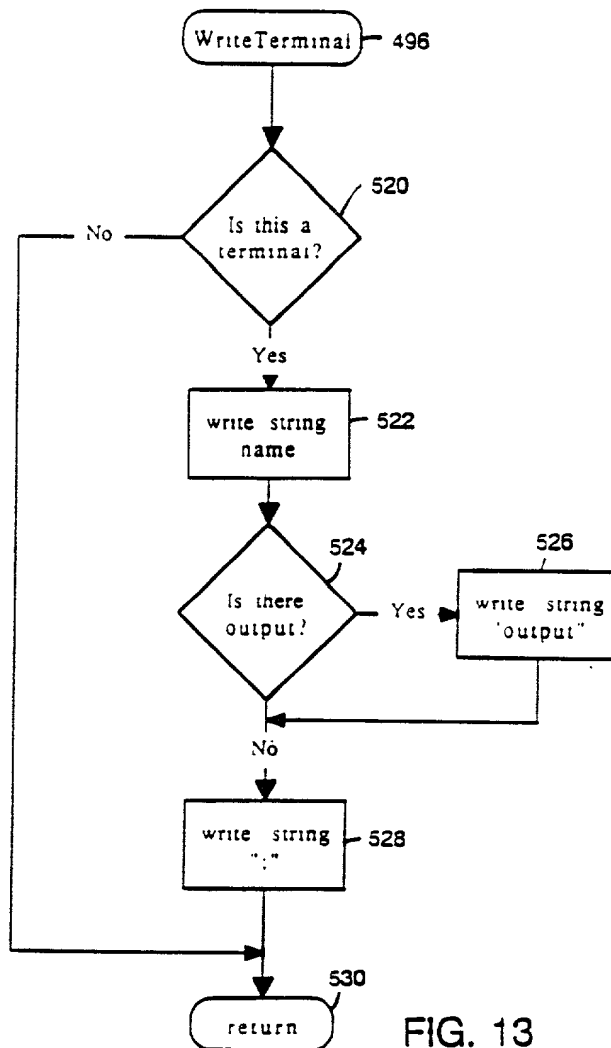


FIG. 13

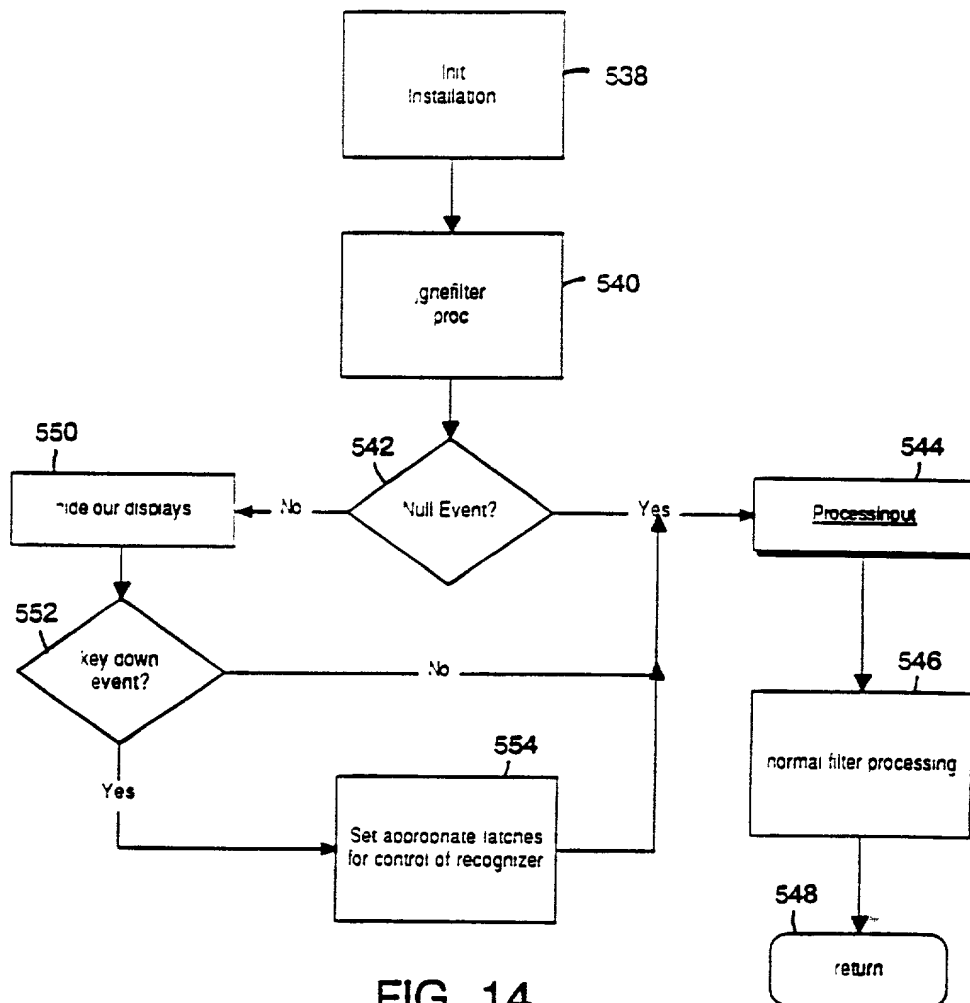


FIG. 14

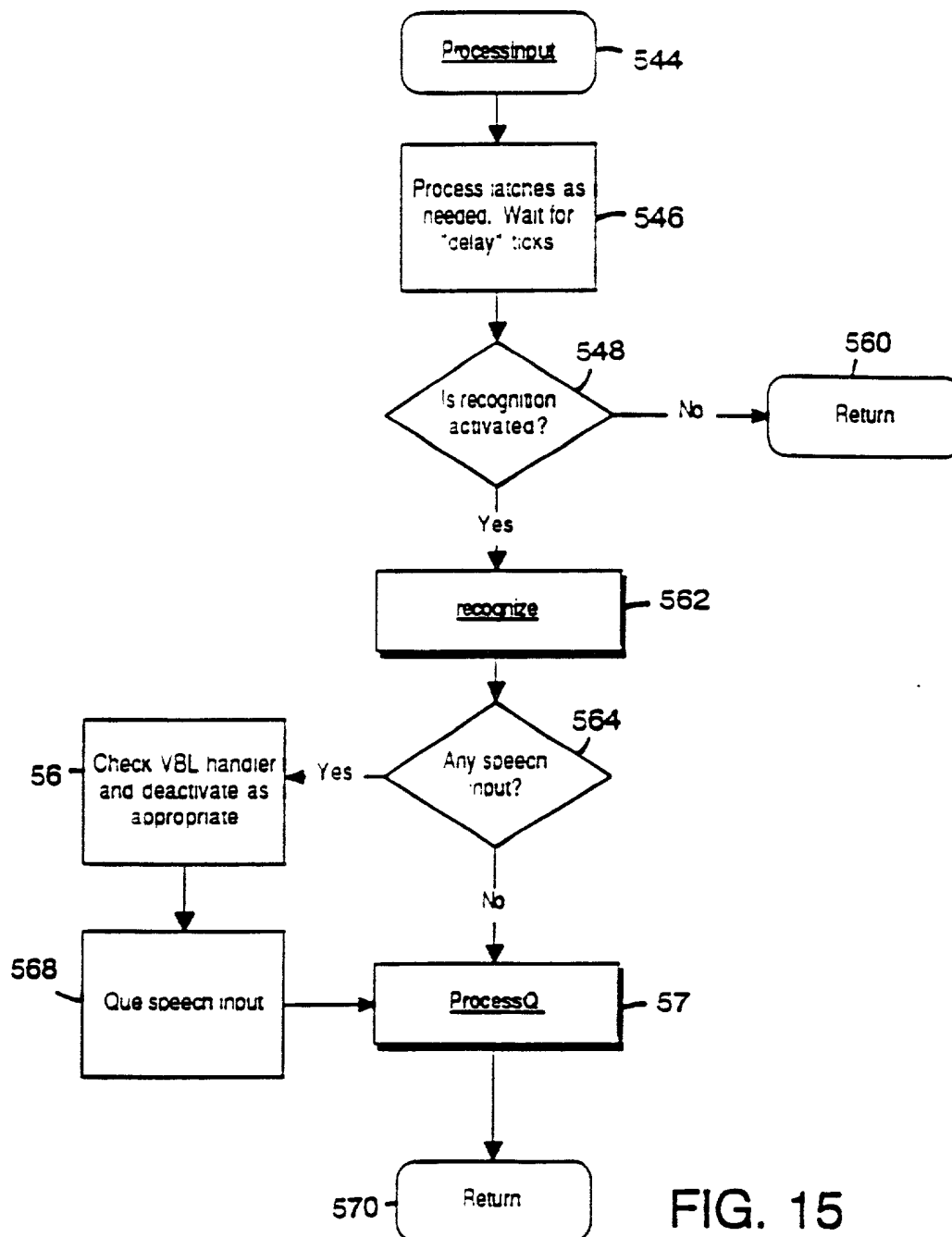


FIG. 15

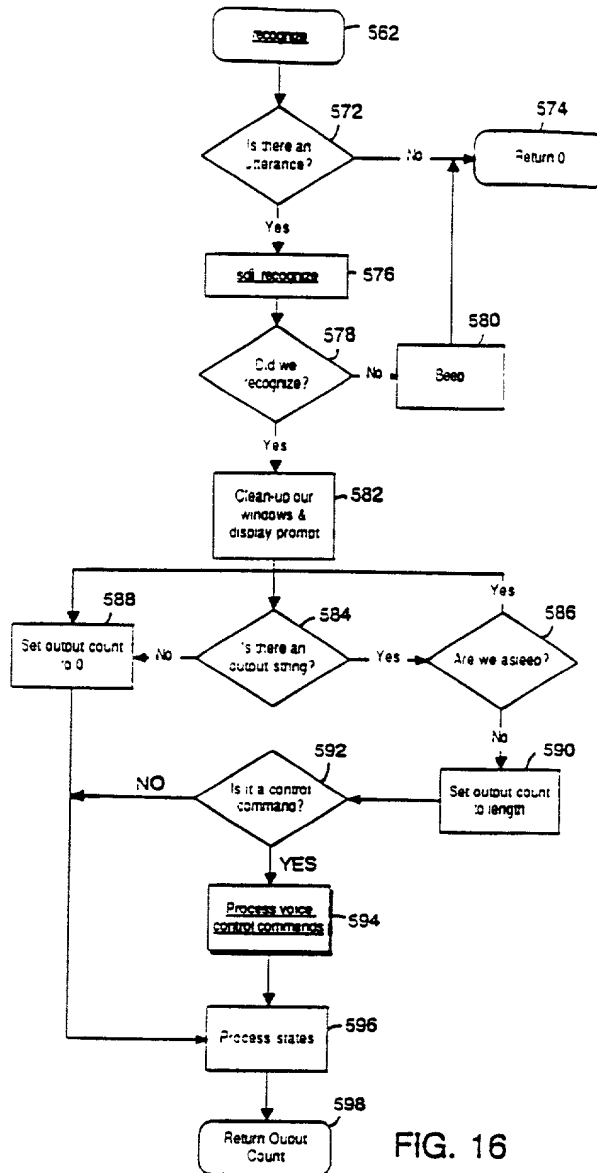


FIG. 16

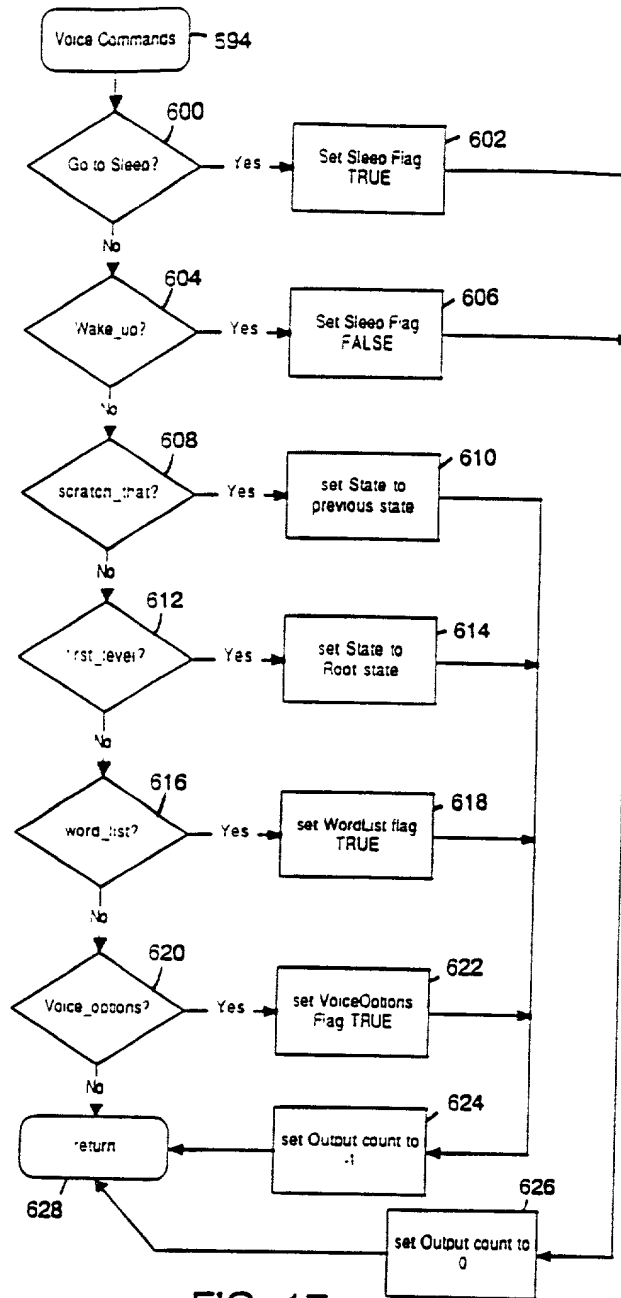


FIG. 17

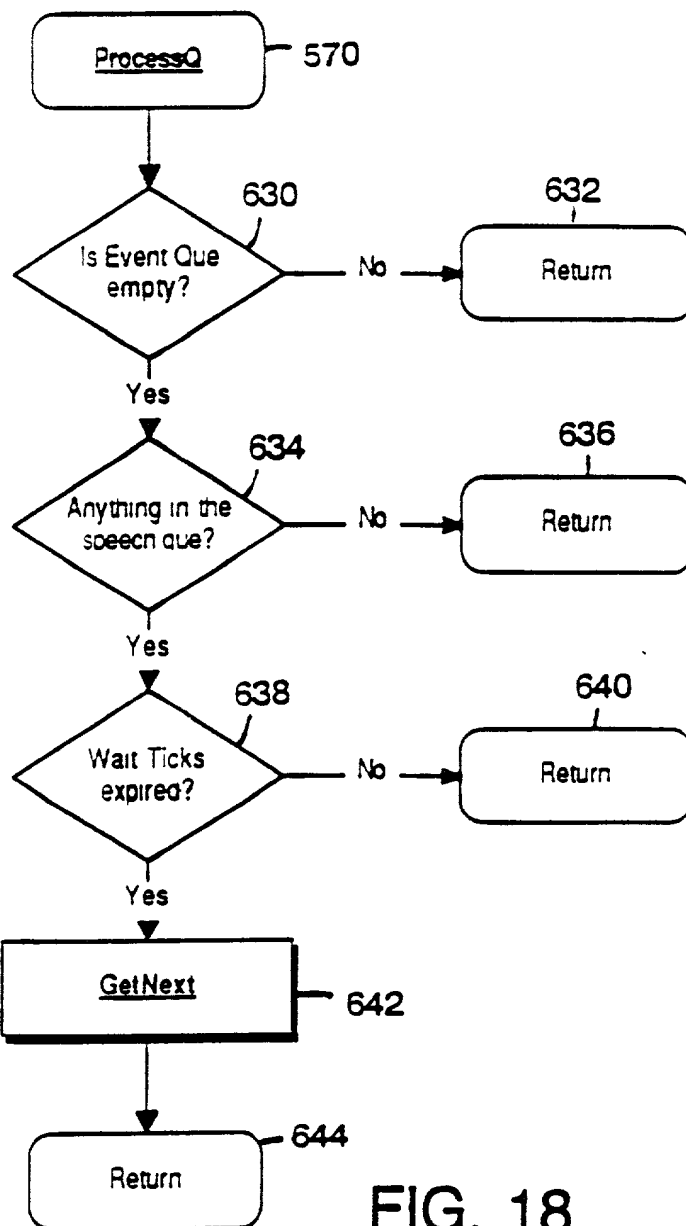


FIG. 18

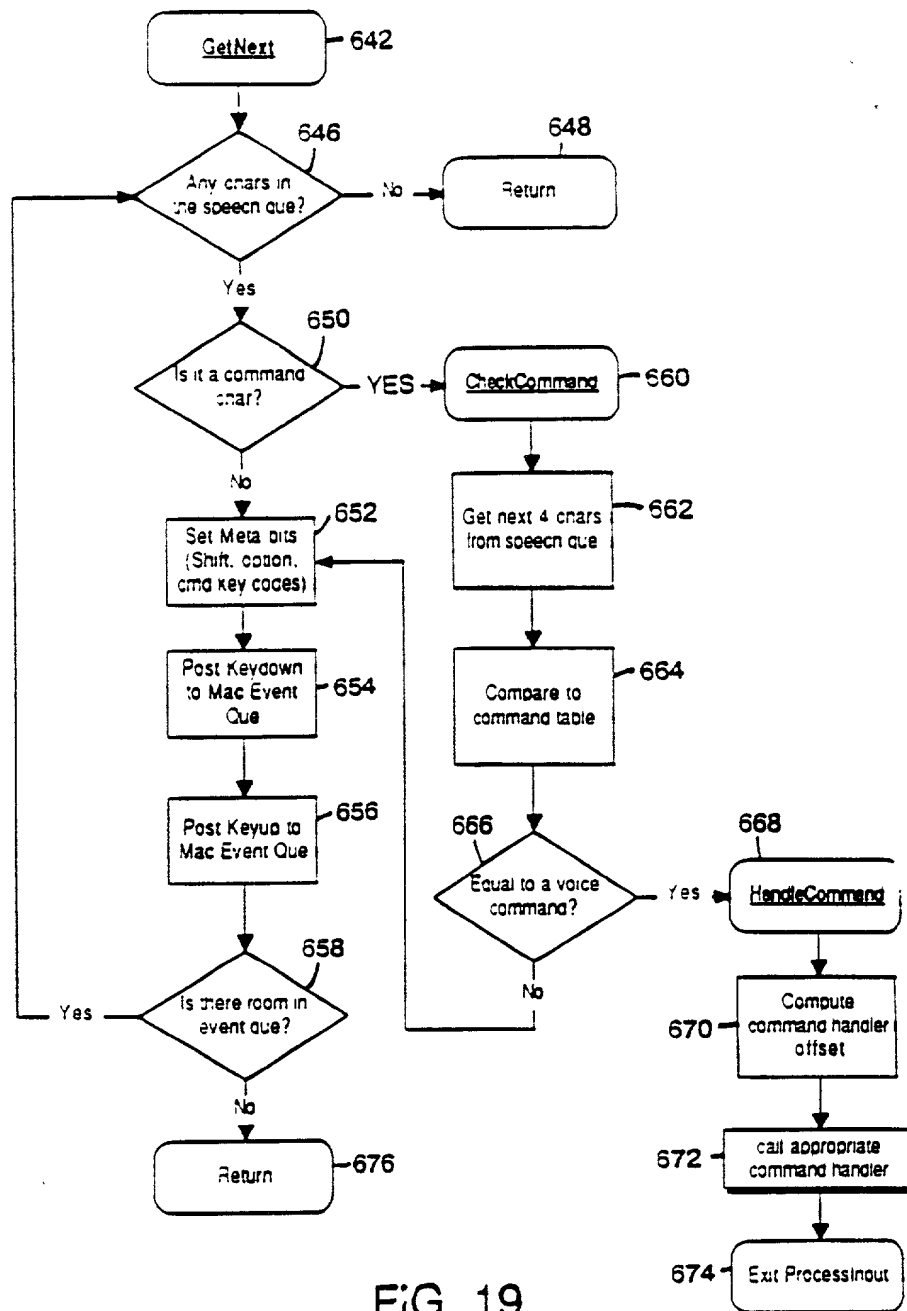
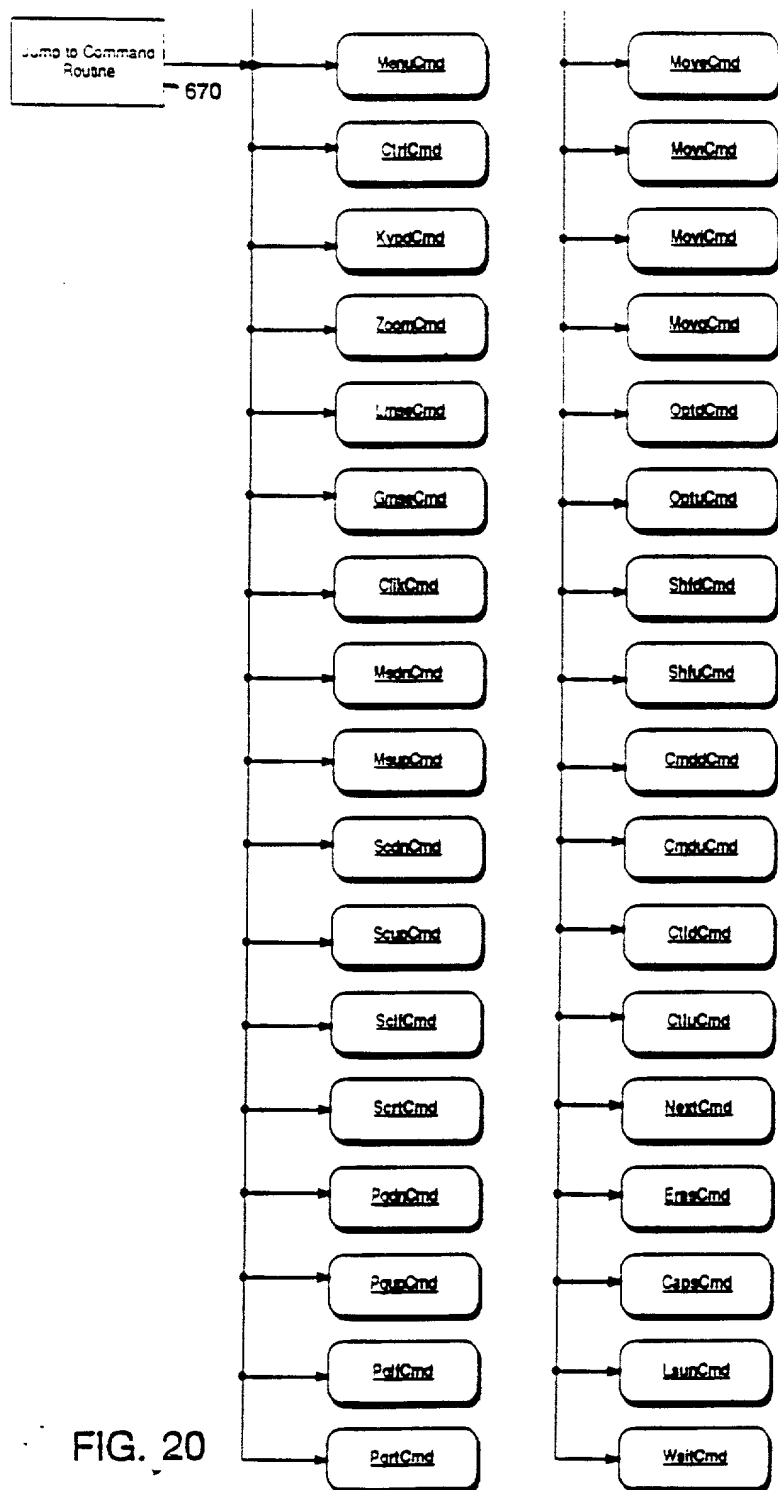


FIG. 19



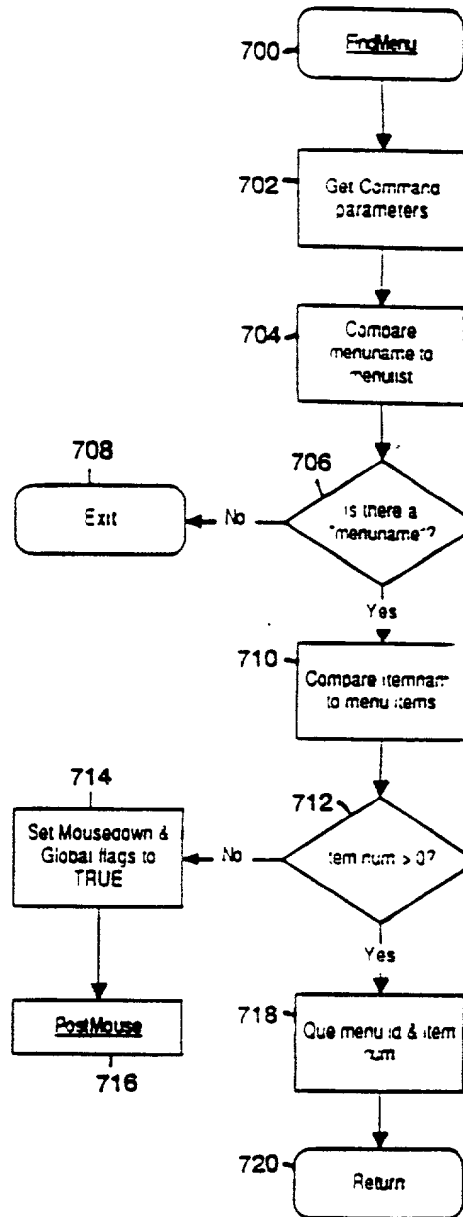
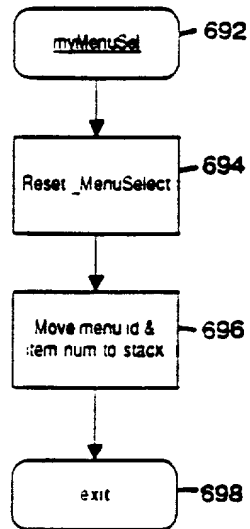
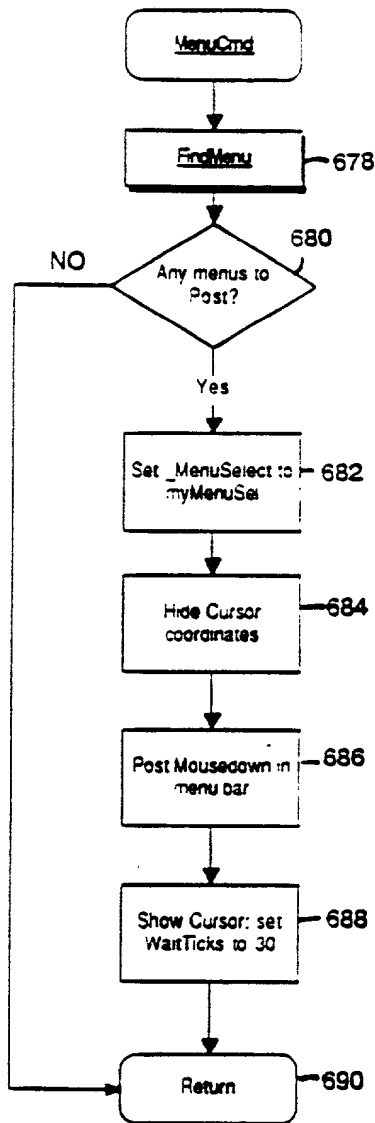


FIG. 21A

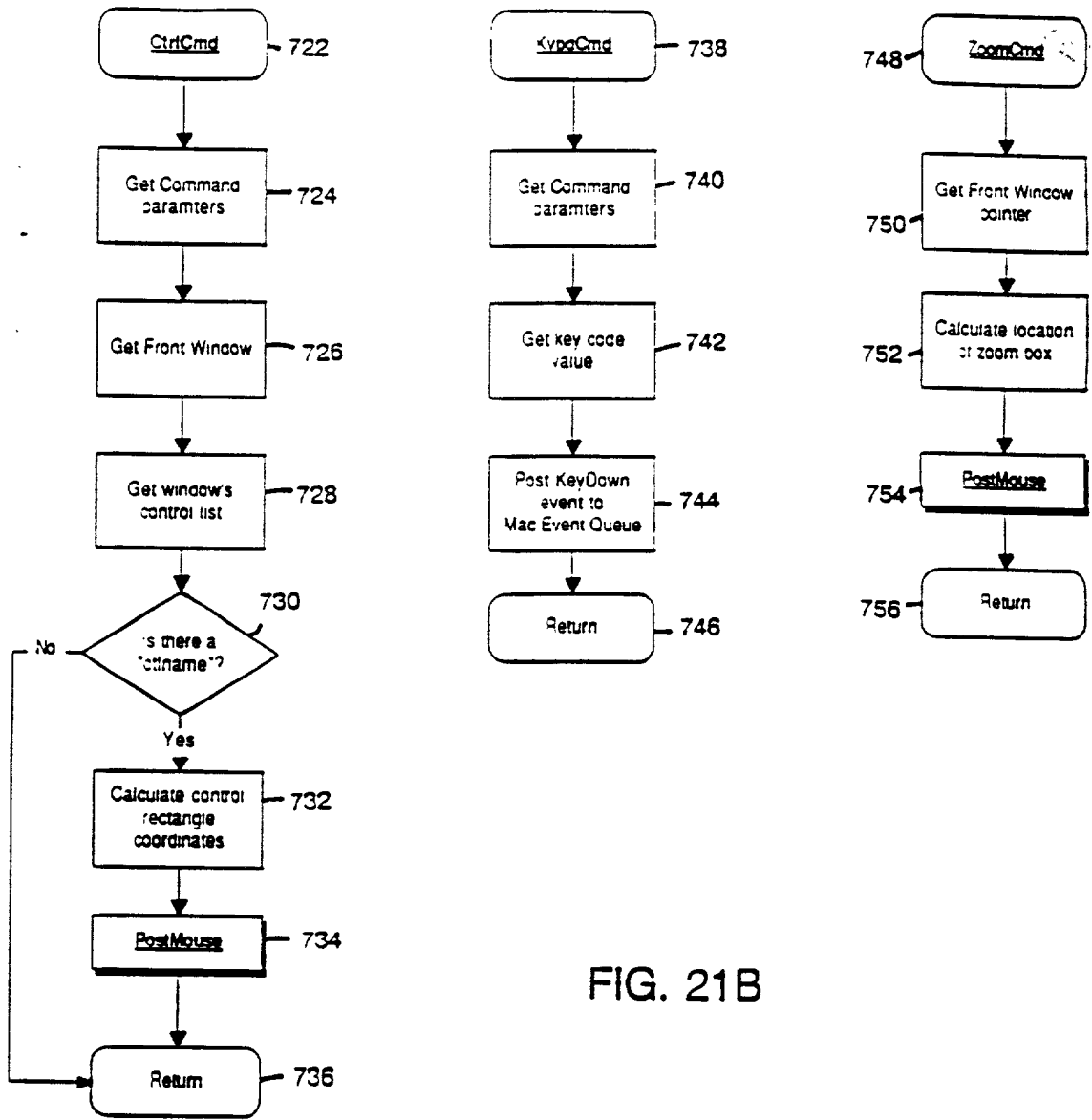


FIG. 21B

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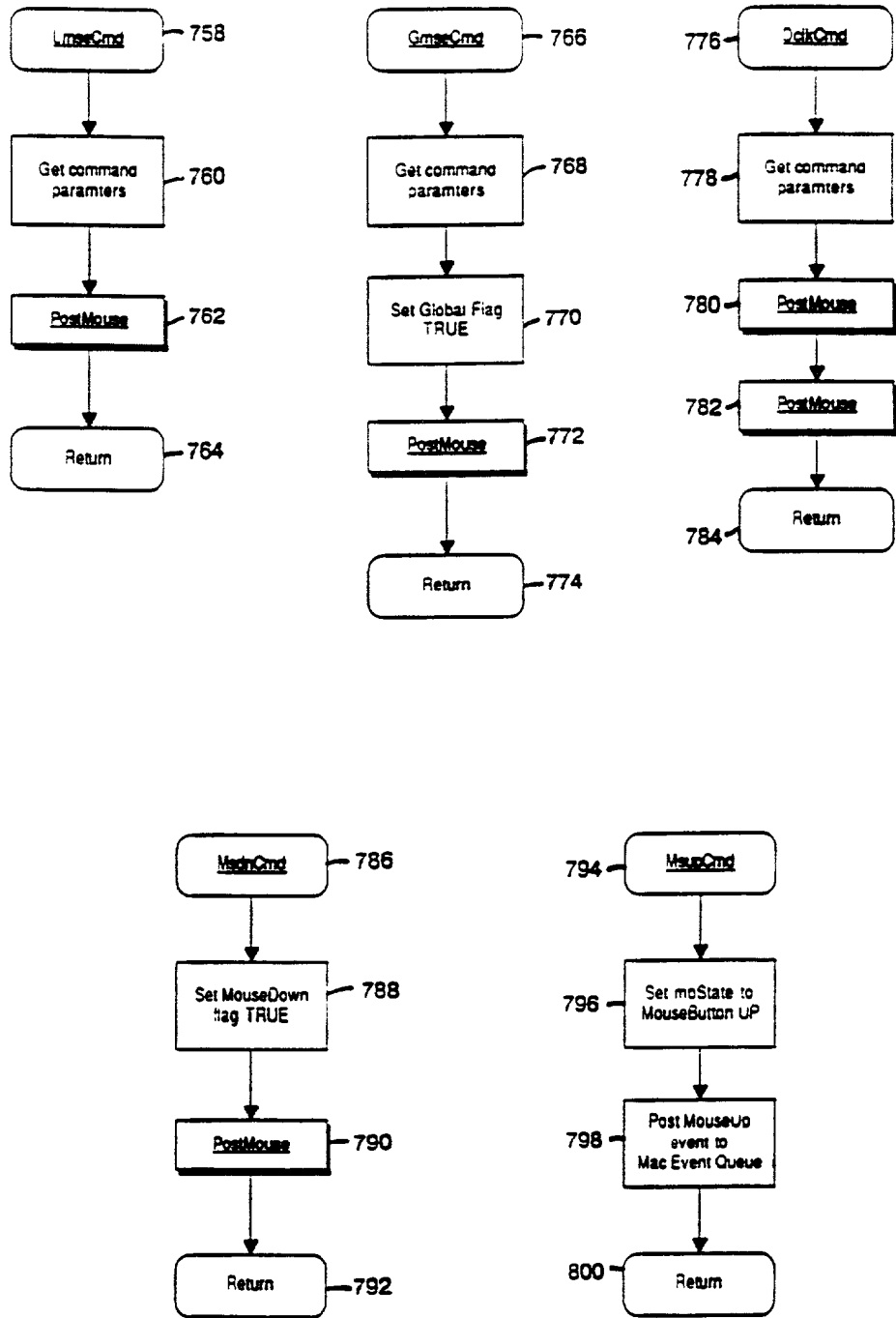


FIG. 21C

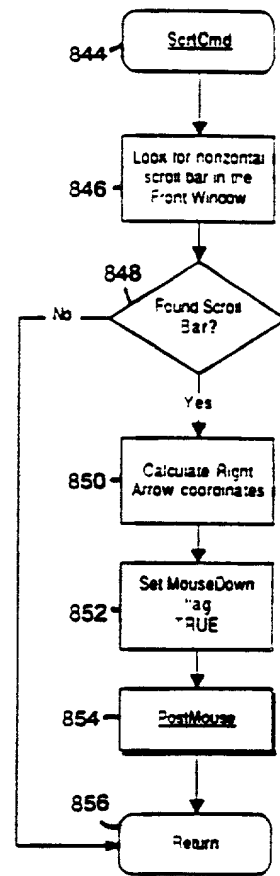
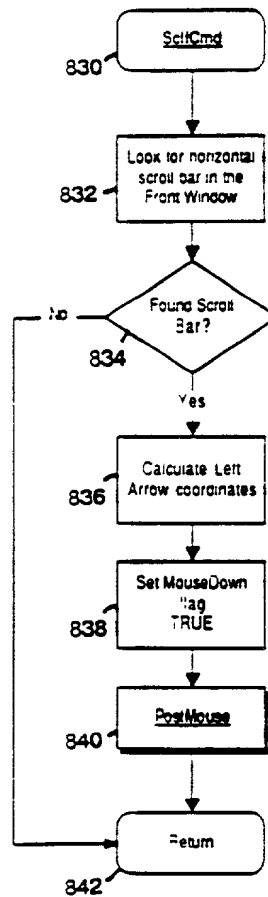
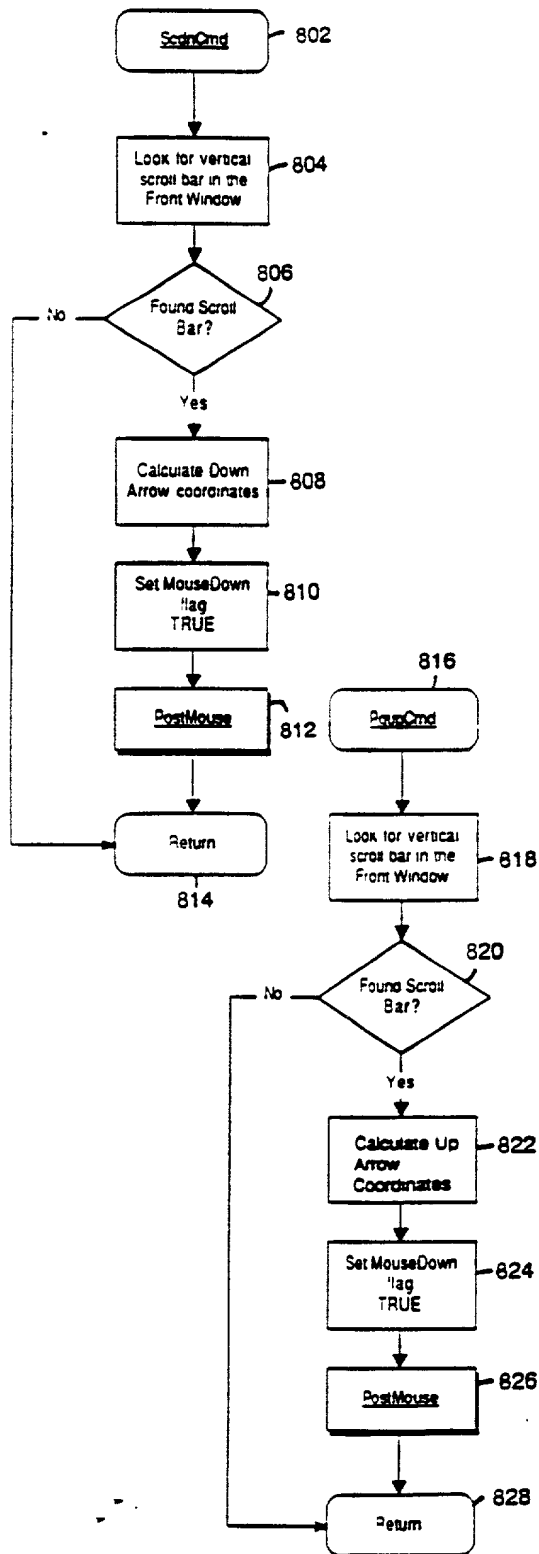


FIG. 21D

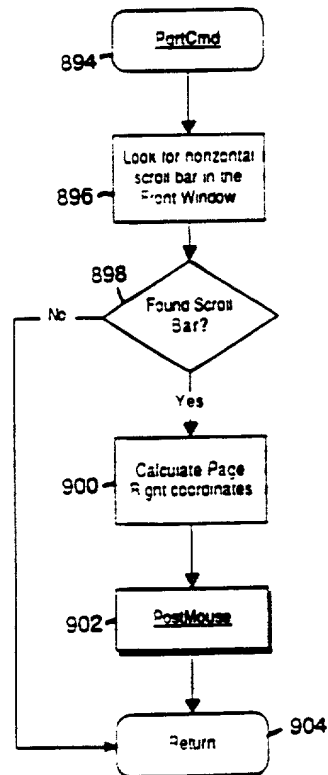
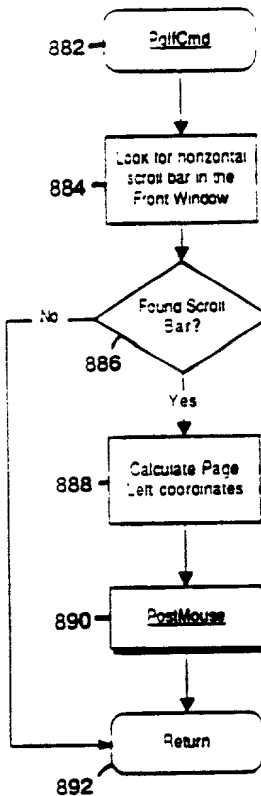
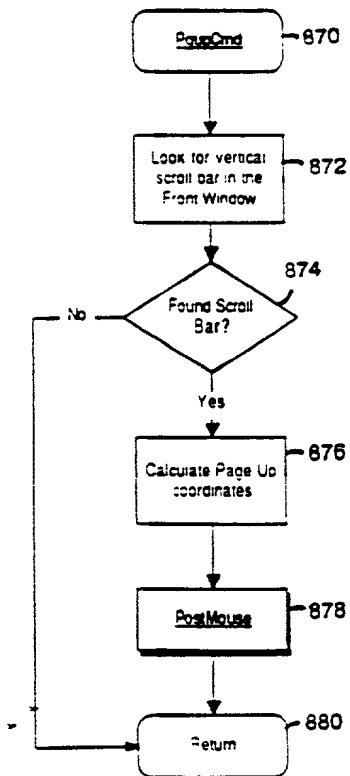
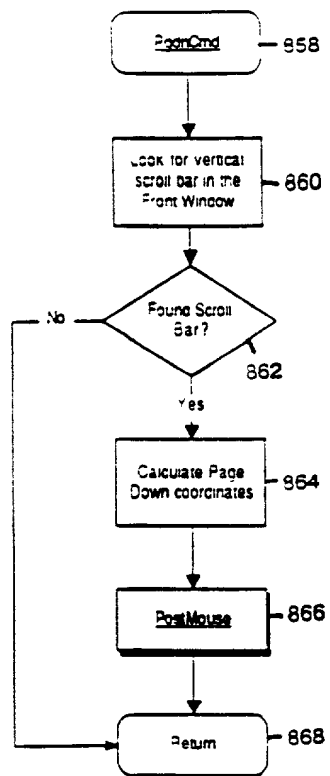


FIG. 21E

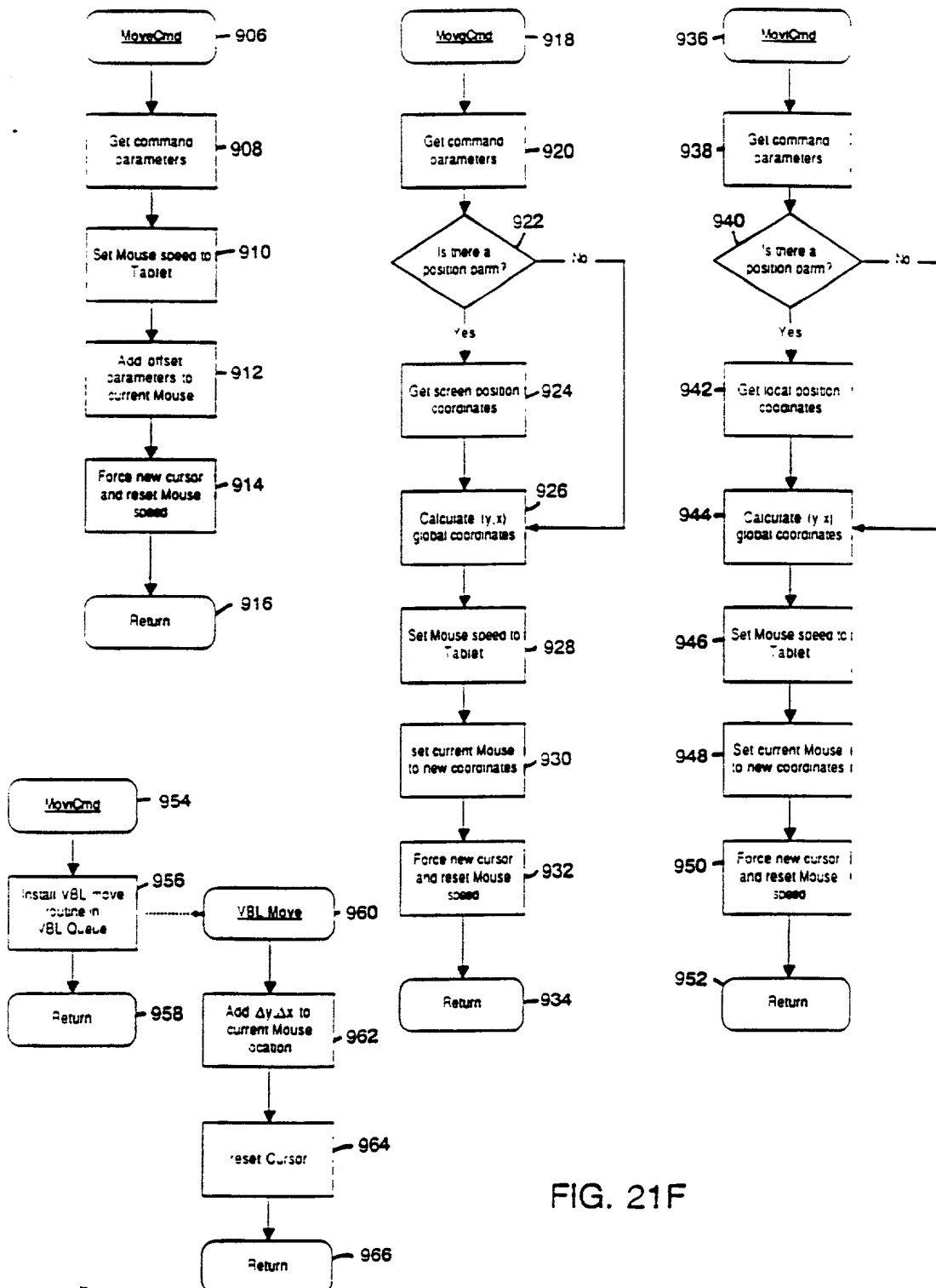


FIG. 21F

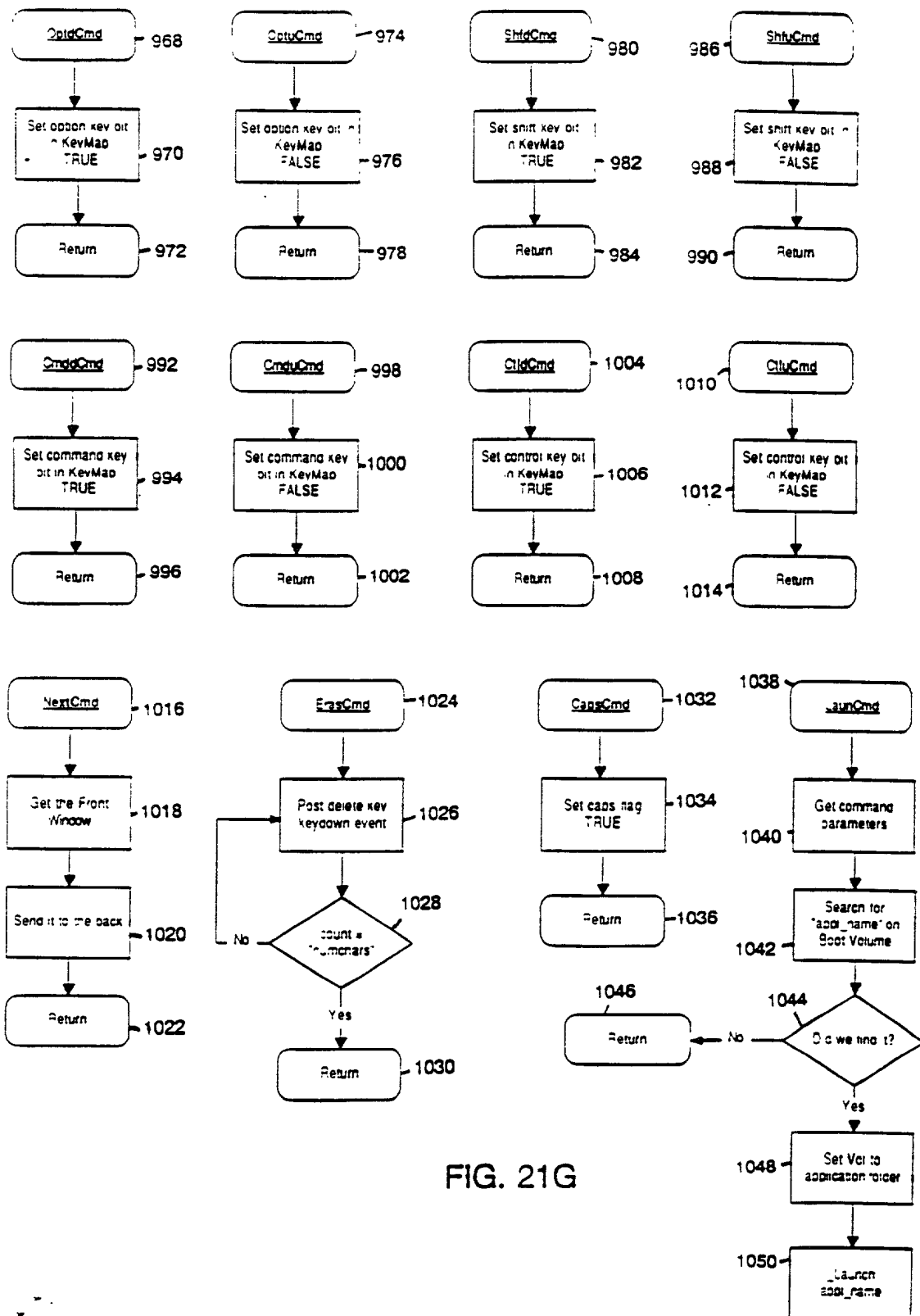


FIG. 21G

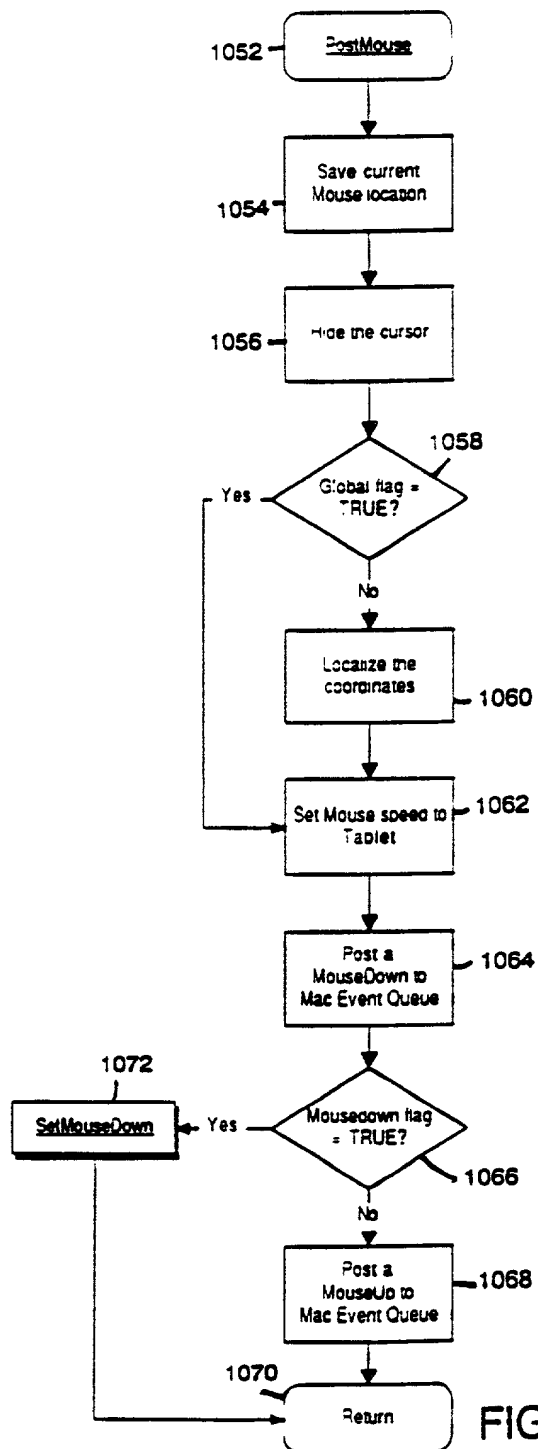


FIG. 22

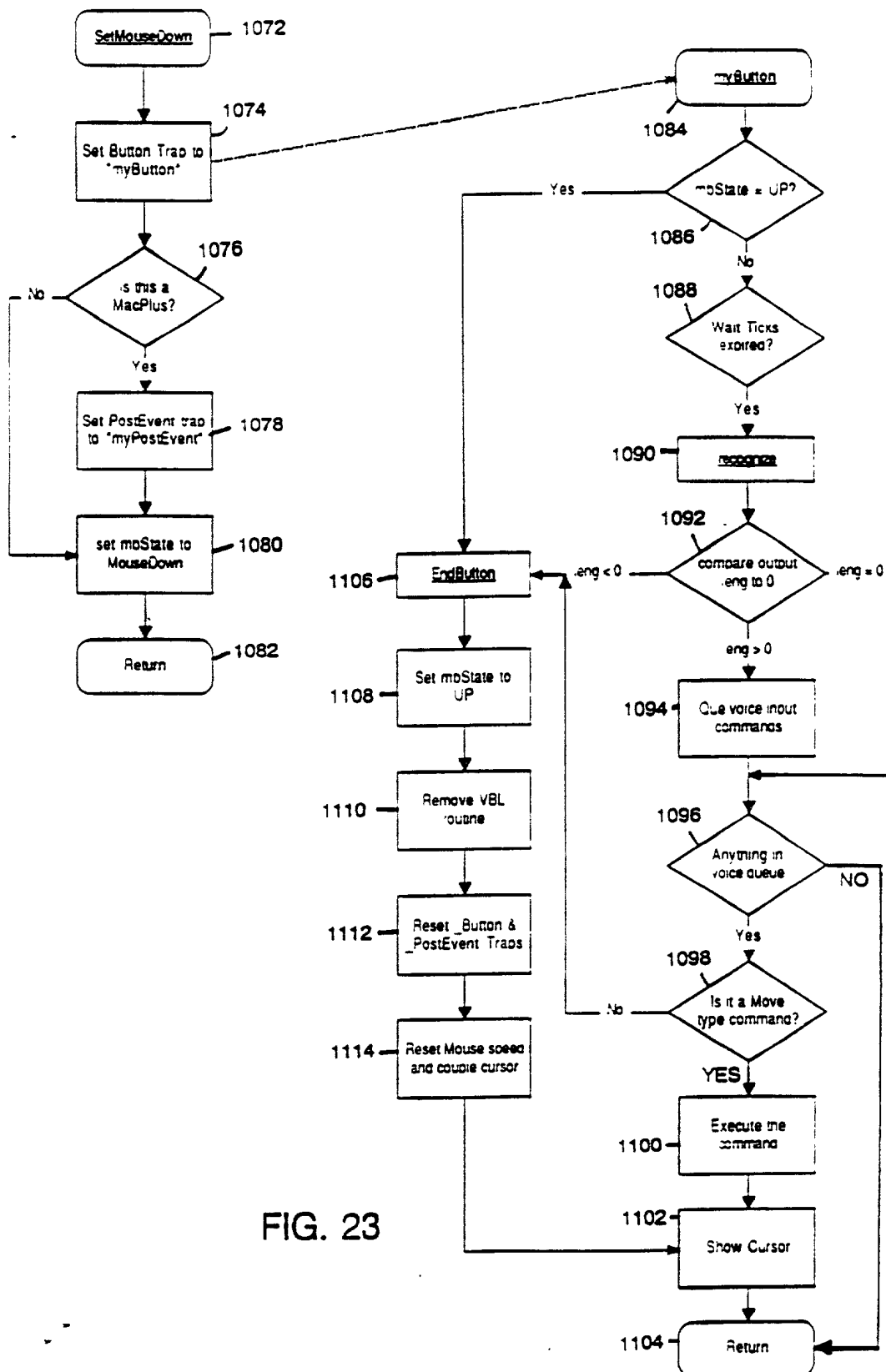


FIG. 23

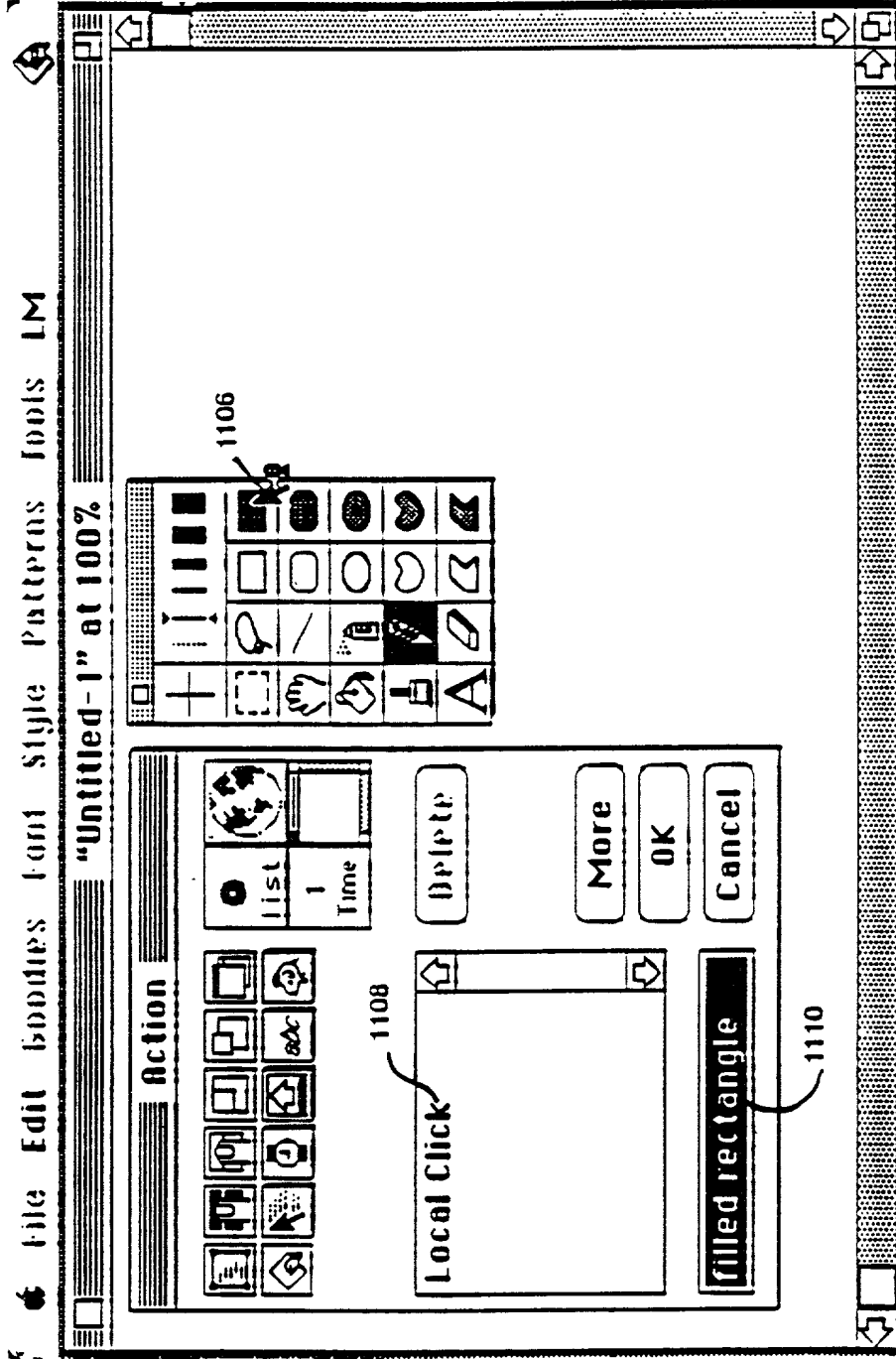


FIG. 24

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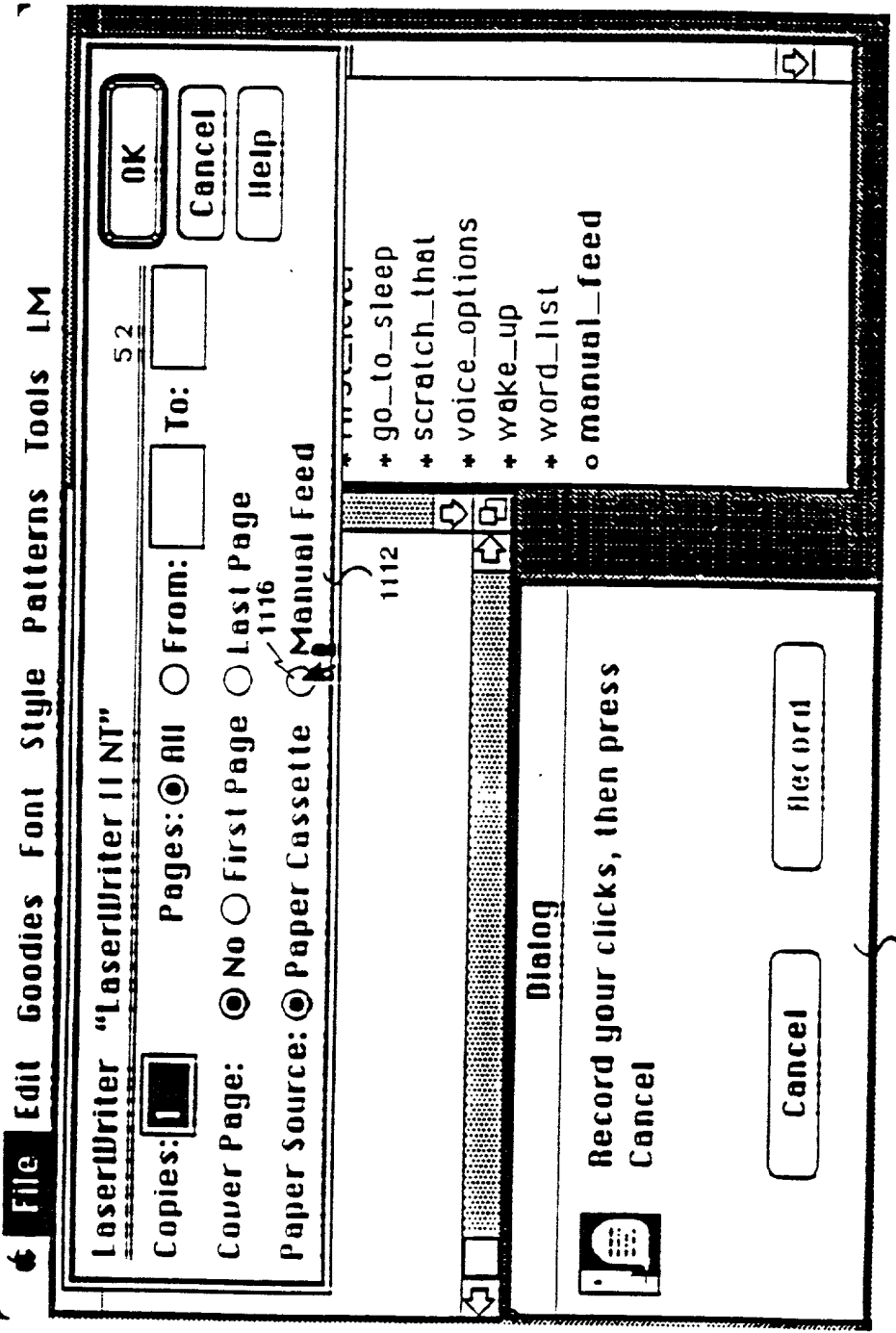


FIG. 25

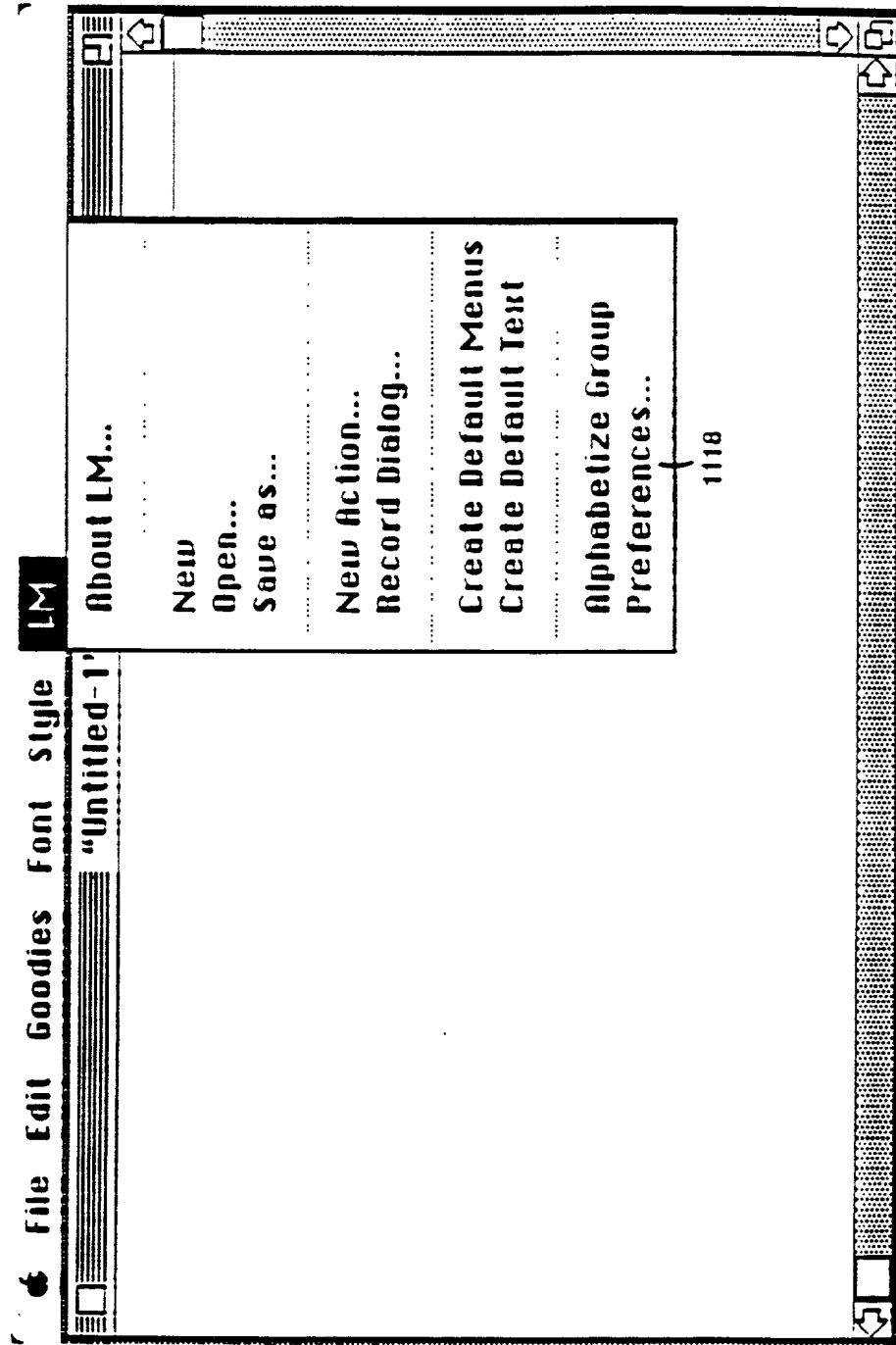


FIG. 26

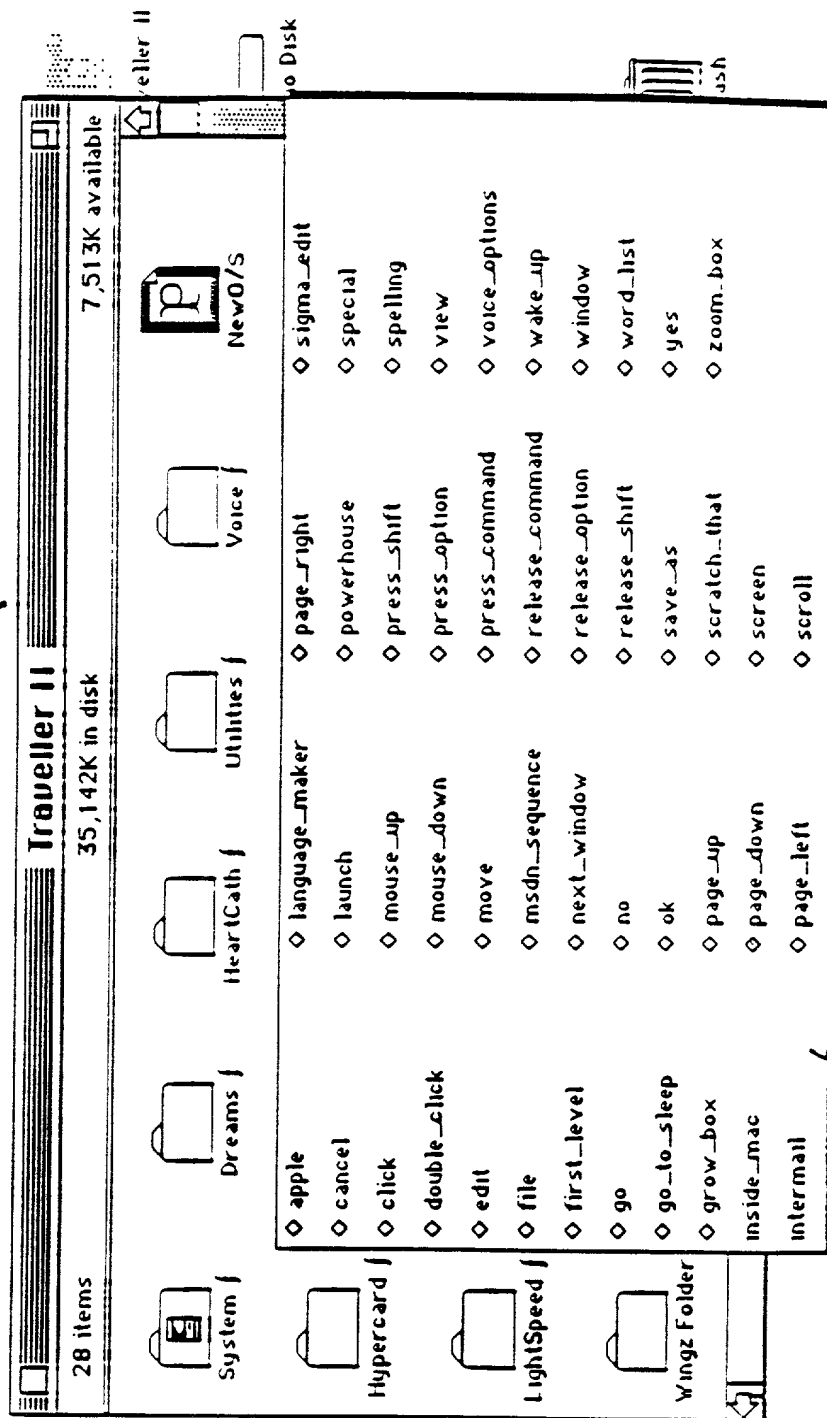
File Edit View Special
word_list (93)

FIG. 27

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File Edit View Special

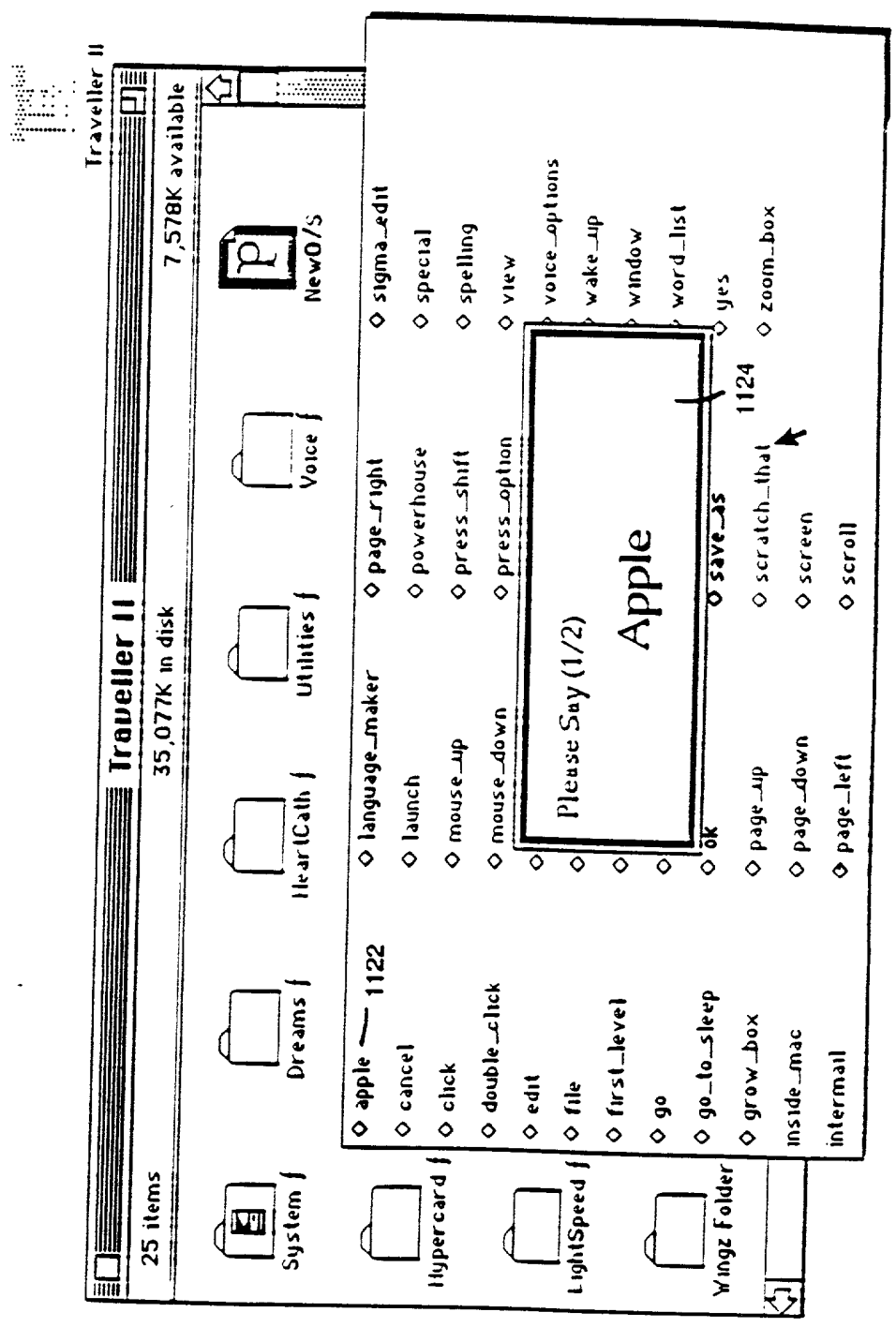


FIG. 28

DA Handler Language
Wednesday, June 7, 1989 4:54 PM

```
/*  
DA Handler Language  
created on Wednesday, June 7, 1989  
*/
```

```
#root    _DA_HANDLER;  
  
_NEW = new ( symbol, drawing );  
  
_FILE = file ( _NEW, open );  
  
_EDIT = edit ( cut, copy, paste );  
  
_DA_HANDLER = ( _FILE, _EDIT );  
  
file;  
new;  
symbol;  
drawing;  
open;  
edit;  
cut;  
copy;  
paste;
```

FIG. 30

Apple Computer, Inc. is not responsible for the content of this document.

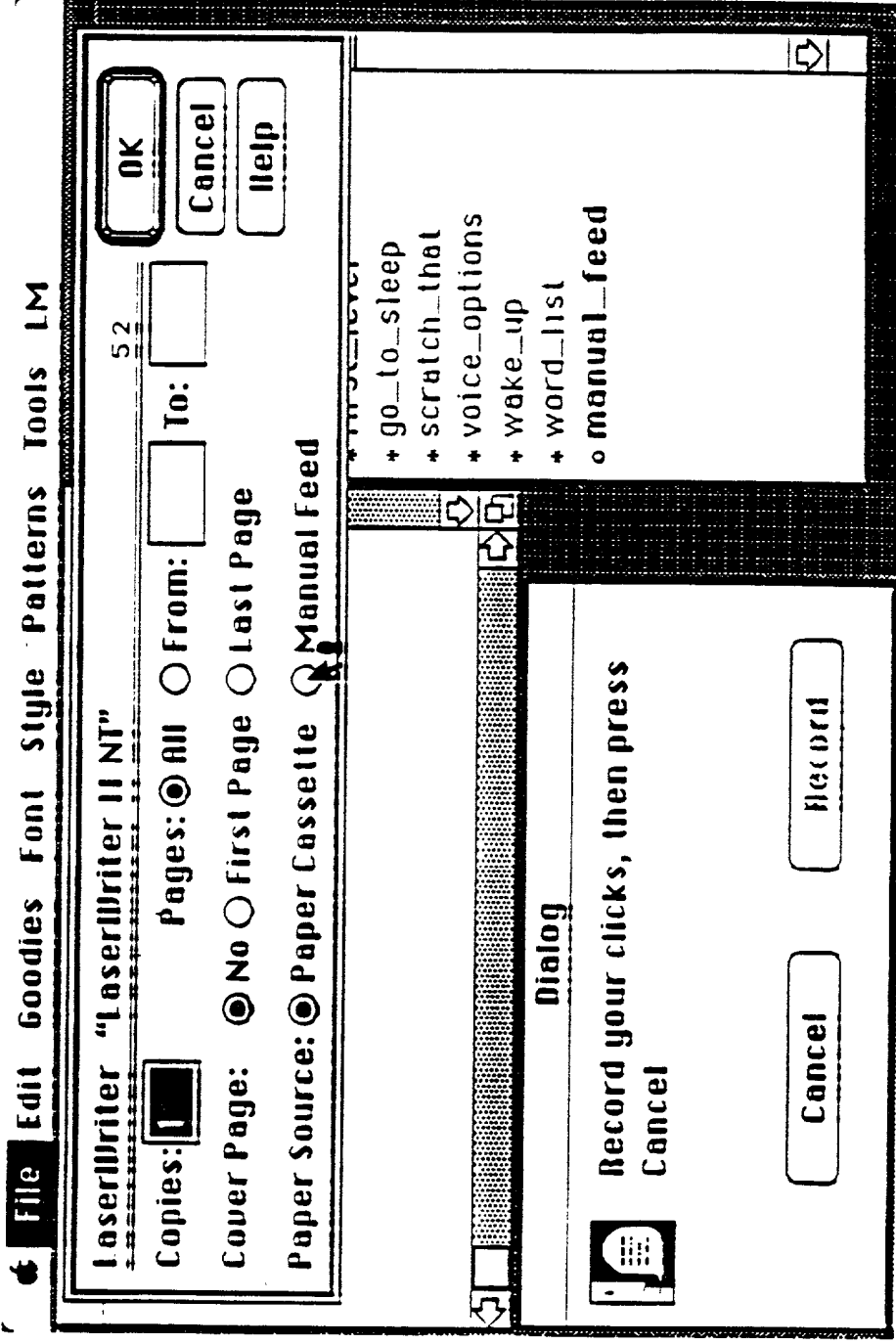


FIG. 31

The Voice Navigator with a Mac SE or Mac Plus

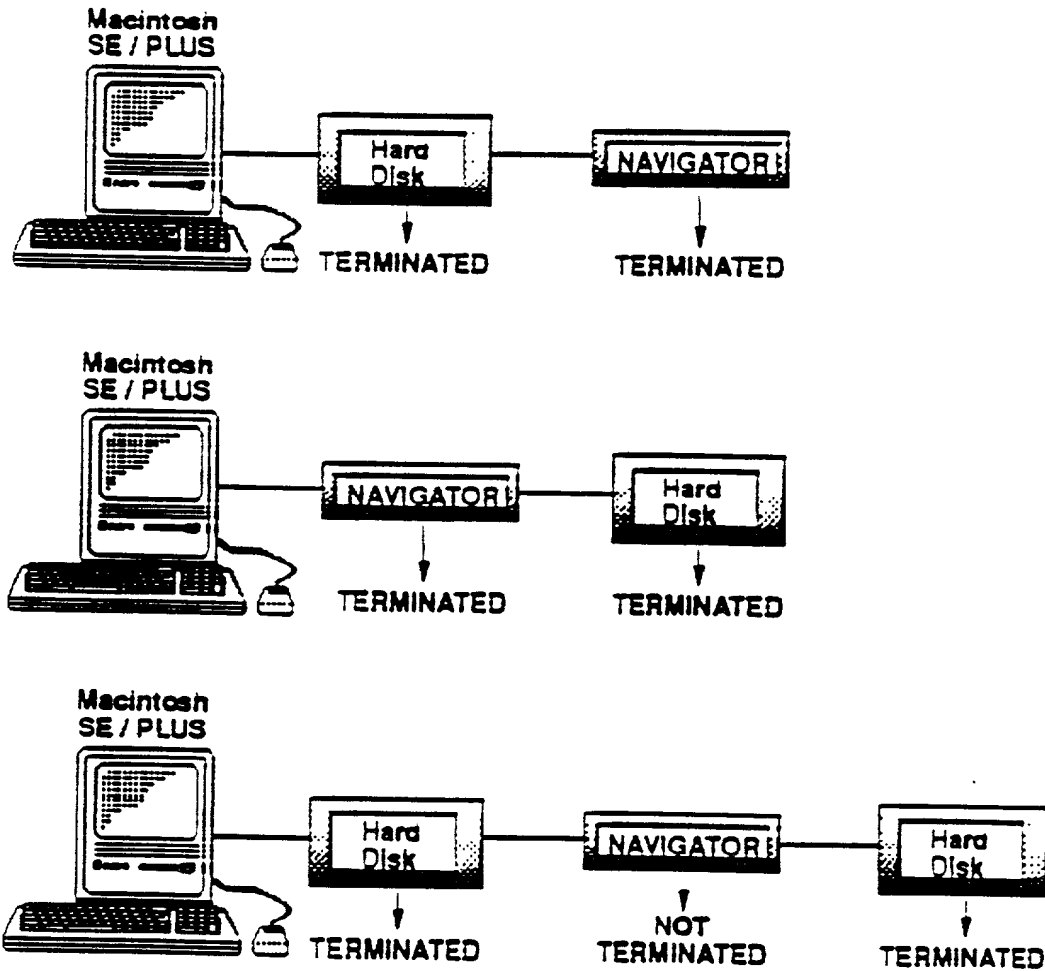


FIGURE 32

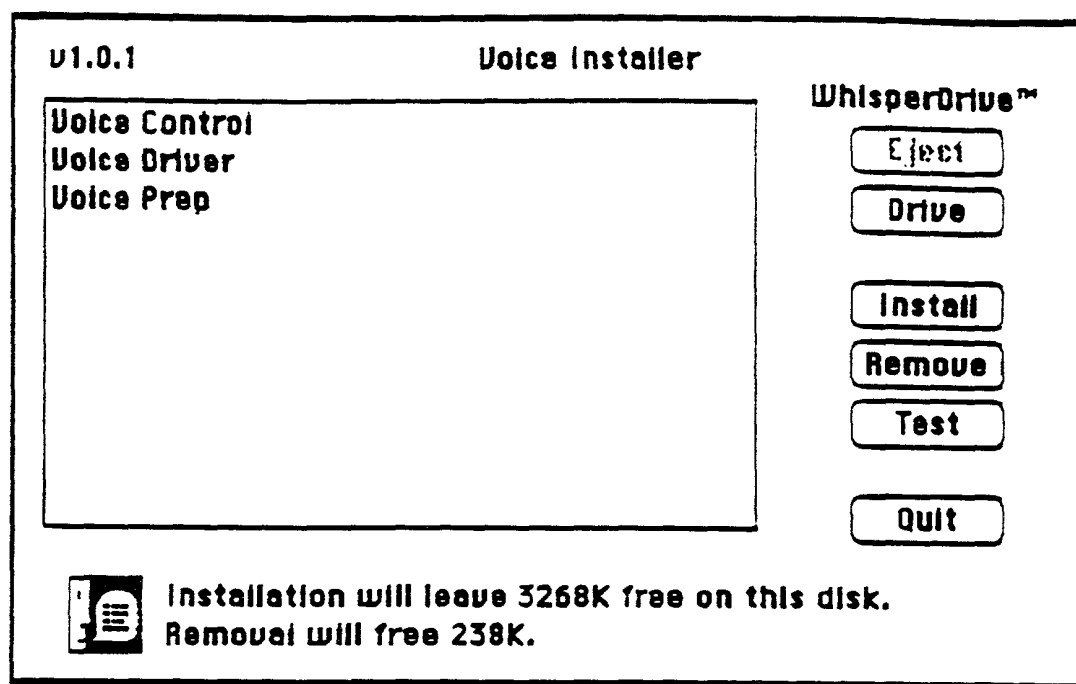


FIGURE 33

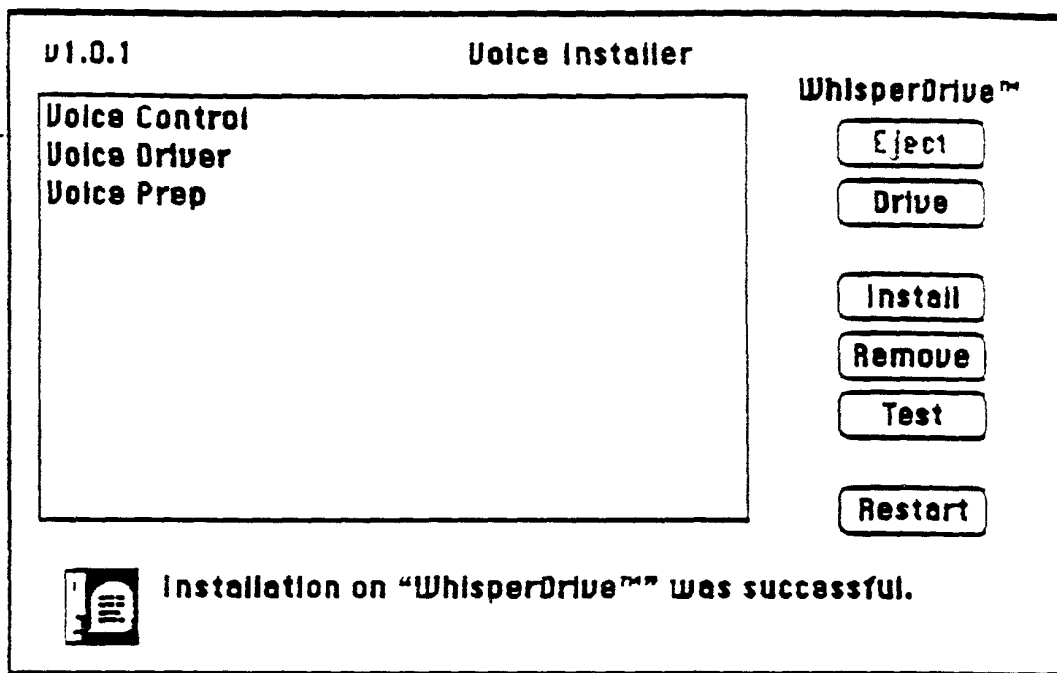


FIGURE 34

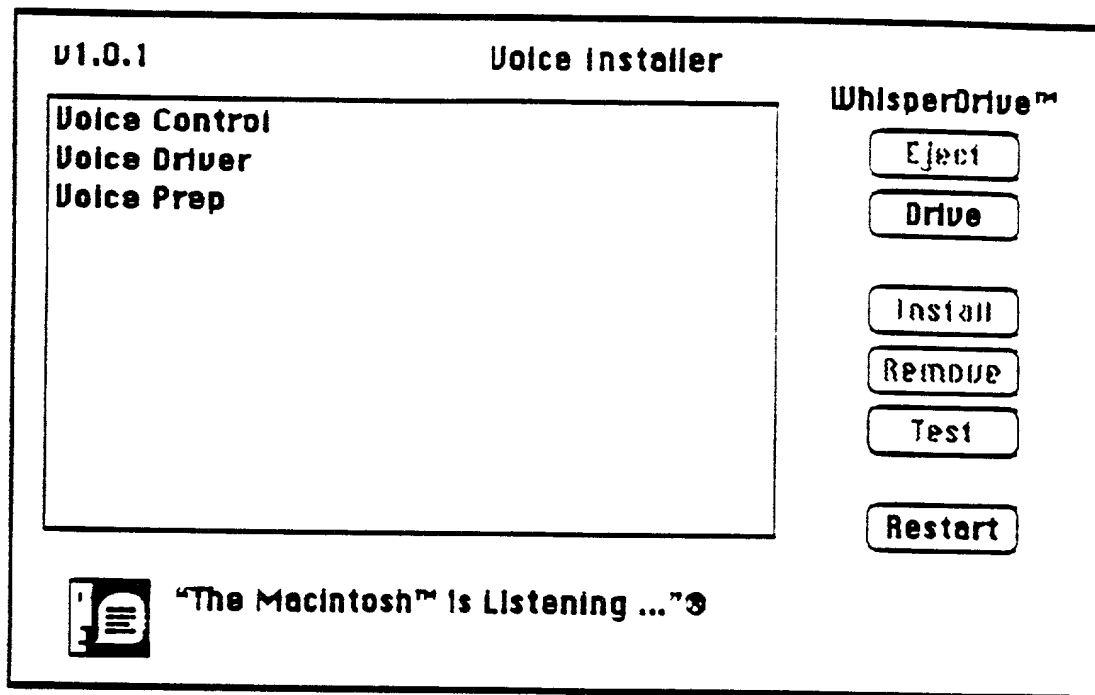


FIGURE 35

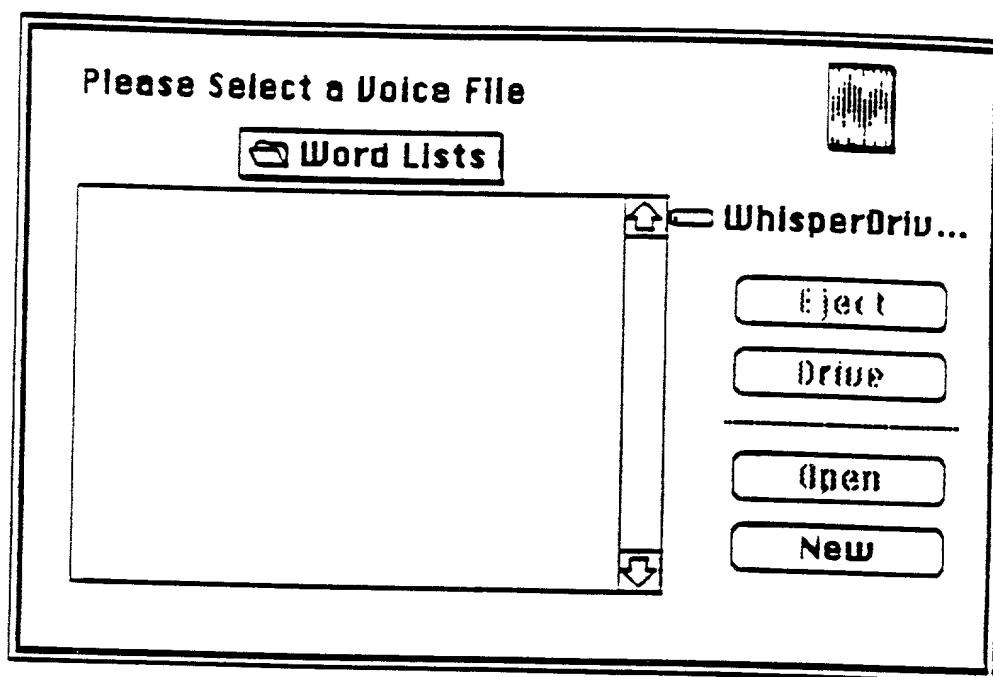


FIGURE 36

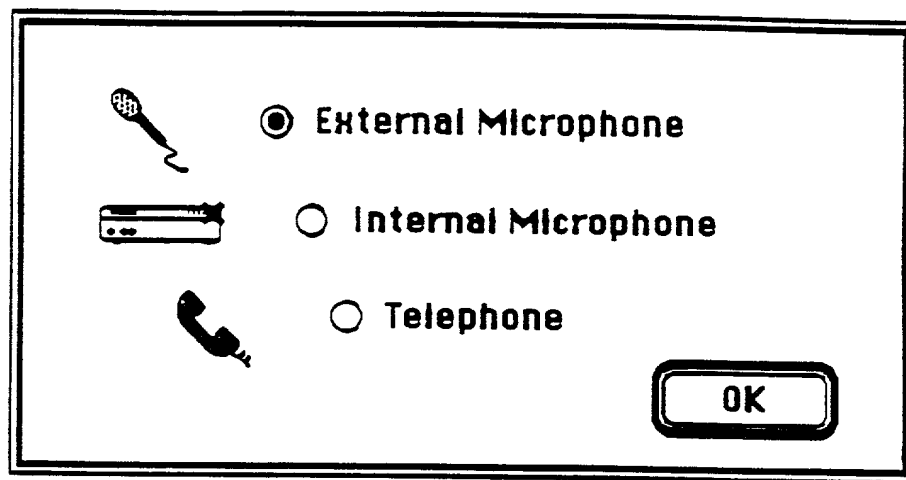


FIGURE 38

apple

2

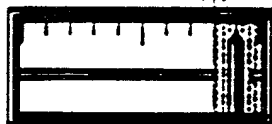
[illegible]

new

CLOSE CALLS

no

zoom



CONFIDENCE



AMPLITUDE

FIGURE 41

FinderWord List

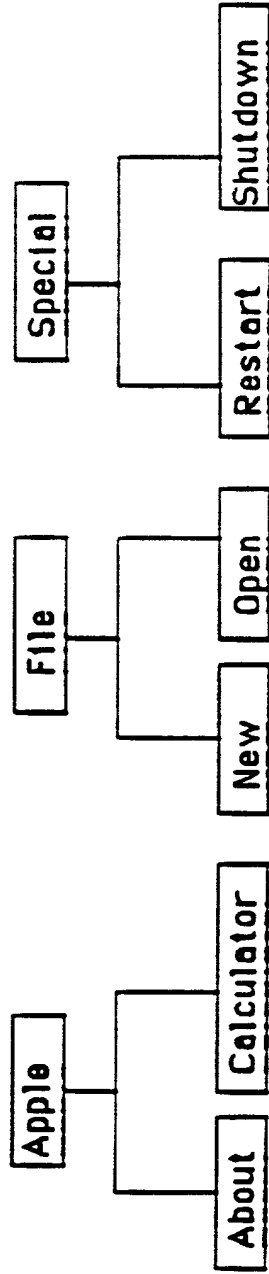
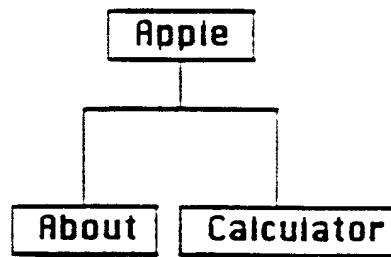


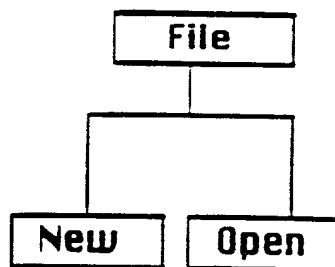
FIGURE 42



First Level

Next Level

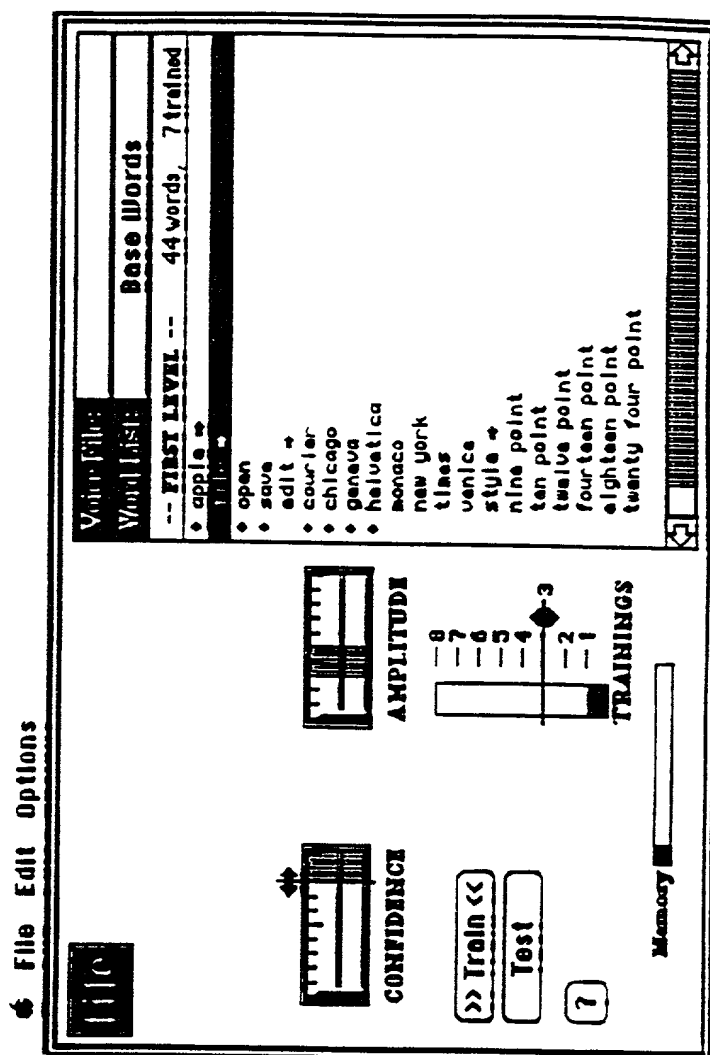
FIGURE 43



First Level

Next Level

FIGURE 44



Voice File:	
Word List:	Base Words
file	14 words, 6 trained
new open close save save as page setup print quit ♦ first level ♦ go to sleep ♦ scratch that ♦ voice options ♦ wake up ♦ word list	

FIGURE 46

1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

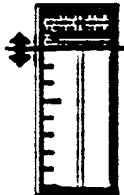



Scratch that  CONFIDENCE	 AMPLITUDE	<div style="text-align: center;">   ? </div>	Memory <div style="background-color: black; width: 20px; height: 15px; display: inline-block;"></div>																								
<p style="text-align: right;">TRAININGS</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">-8</td> <td style="text-align: center;"> </td> <td style="text-align: left;">+3</td> </tr> <tr> <td style="text-align: right;">-7</td> <td style="text-align: center;"> </td> <td style="text-align: left;">+2</td> </tr> <tr> <td style="text-align: right;">-6</td> <td style="text-align: center;"> </td> <td style="text-align: left;">+1</td> </tr> <tr> <td style="text-align: right;">-5</td> <td style="text-align: center;"> </td> <td style="text-align: left;">0</td> </tr> <tr> <td style="text-align: right;">-4</td> <td style="text-align: center;"> </td> <td style="text-align: left;">-</td> </tr> <tr> <td style="text-align: right;">-3</td> <td style="text-align: center;"> </td> <td style="text-align: left;">-</td> </tr> <tr> <td style="text-align: right;">-2</td> <td style="text-align: center;"> </td> <td style="text-align: left;">-</td> </tr> <tr> <td style="text-align: right;">-1</td> <td style="text-align: center;"> </td> <td style="text-align: left;">-</td> </tr> </table>				-8		+3	-7		+2	-6		+1	-5		0	-4		-	-3		-	-2		-	-1		-
-8		+3																									
-7		+2																									
-6		+1																									
-5		0																									
-4		-																									
-3		-																									
-2		-																									
-1		-																									
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Voice File</p> <hr/> <p>Word List:</p> <hr/> </div> <div style="width: 50%;"> <p>Base Words</p> <hr/> <p>-- FIRST LEVEL -- 44 words, 40 trained</p> <ul style="list-style-type: none"> • thirty six point • forty eight point • drive • eject • ok • cancel • yes • no • scroll → • one • two • three • four • five • six • first level • go to sleep • scratch that • voice options • wake up </div> </div>																											

FIGURE 48

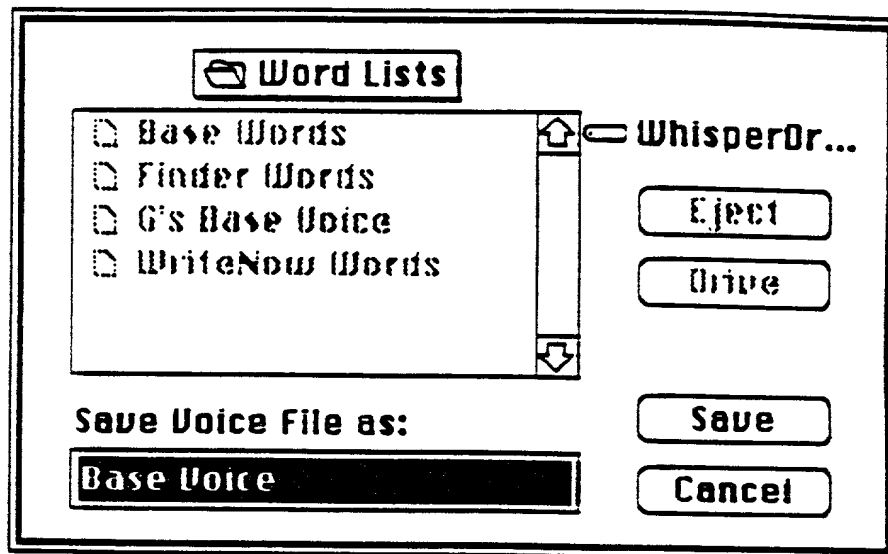


FIGURE 49

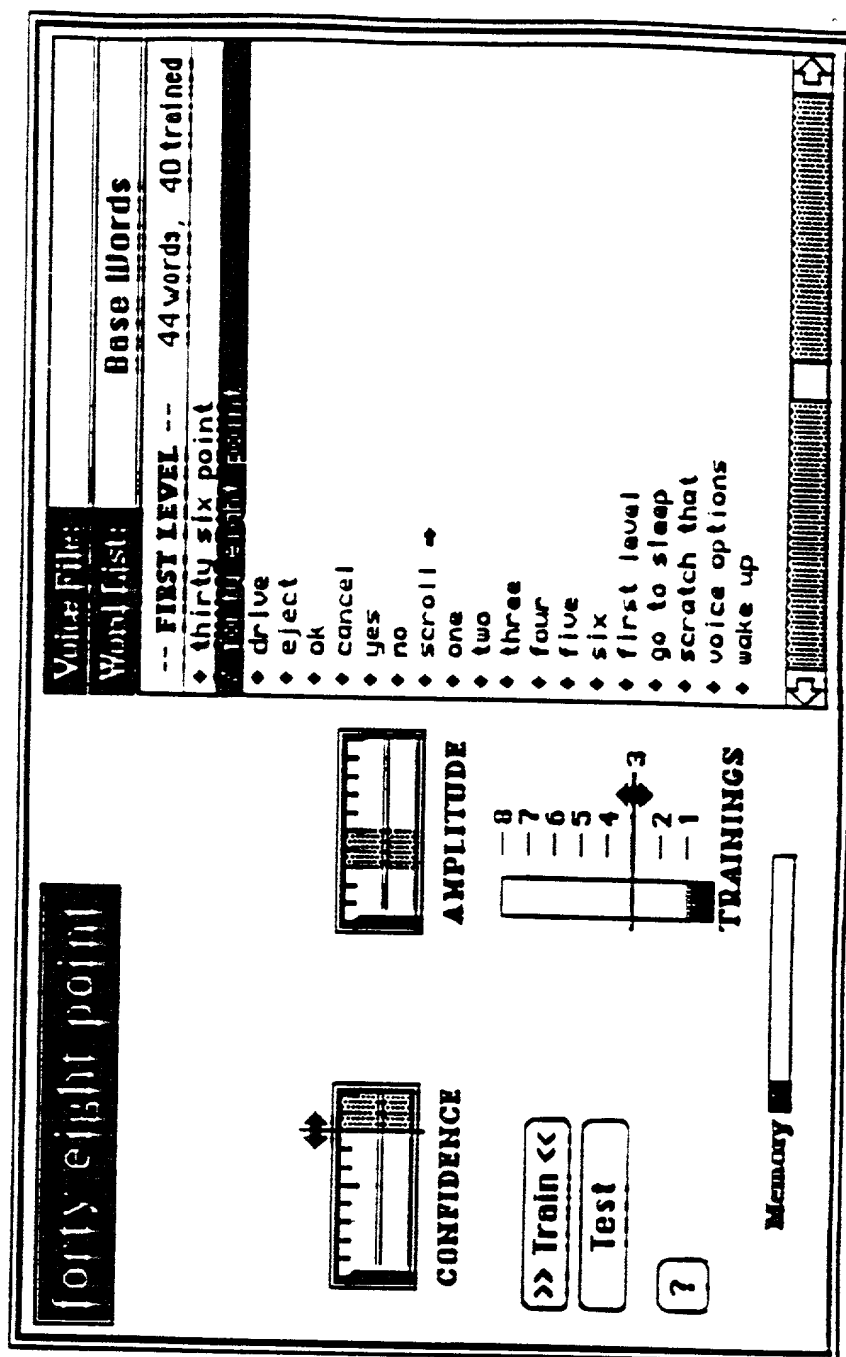


FIGURE 50

File Edit Options

Voice File: G's Base Voice	
Word List: Finder Words	
-- FIRST LEVEL -- 37 words, 21 trained	
<div> <div>CONFIDENCE</div> </div> <div> <div>AMPLITUDE</div> </div>	<div> <div>Train</div> <div>Test</div> <div>7</div> </div> <div> <div>Memory</div> <div></div> </div>
<ul style="list-style-type: none"> • ok • cancel • yes • no • page down • page left • page right • page up • double click • click • zoom • grow box • mousedown • mouseup • close window • next window • shiftkey down • shiftkey up • window • screen 	

FIGURE 51

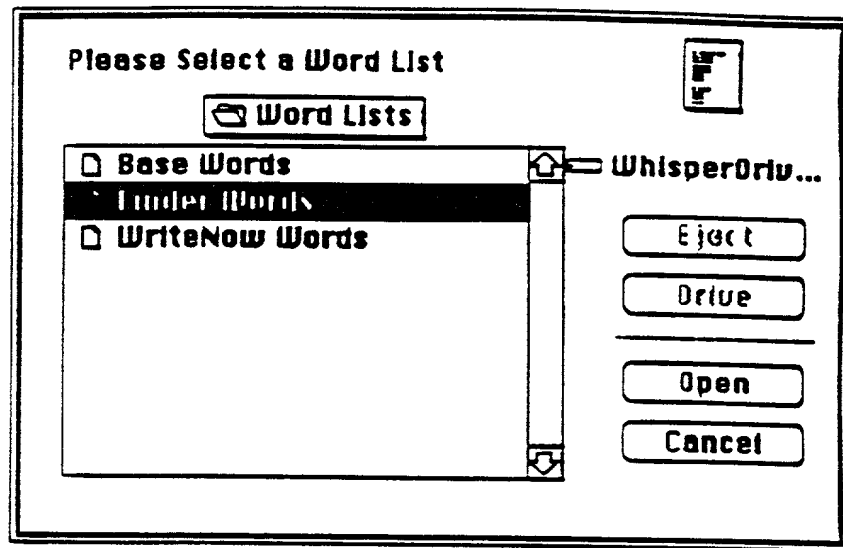


FIGURE 52

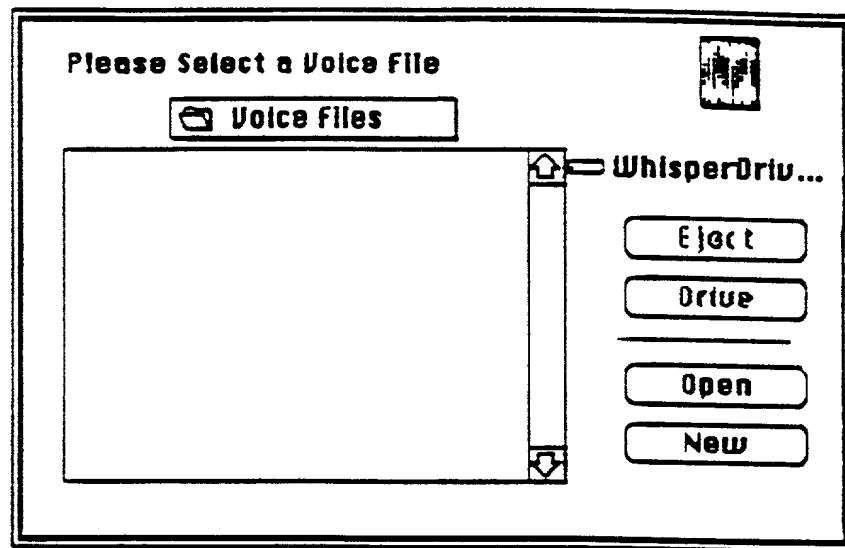




FIGURE 53

File Edit Options

Confidence



Amplitude



Train

Test

?

Memory

Confidence


Amplitude


Train

Test

?

Memory

FIGURE 54

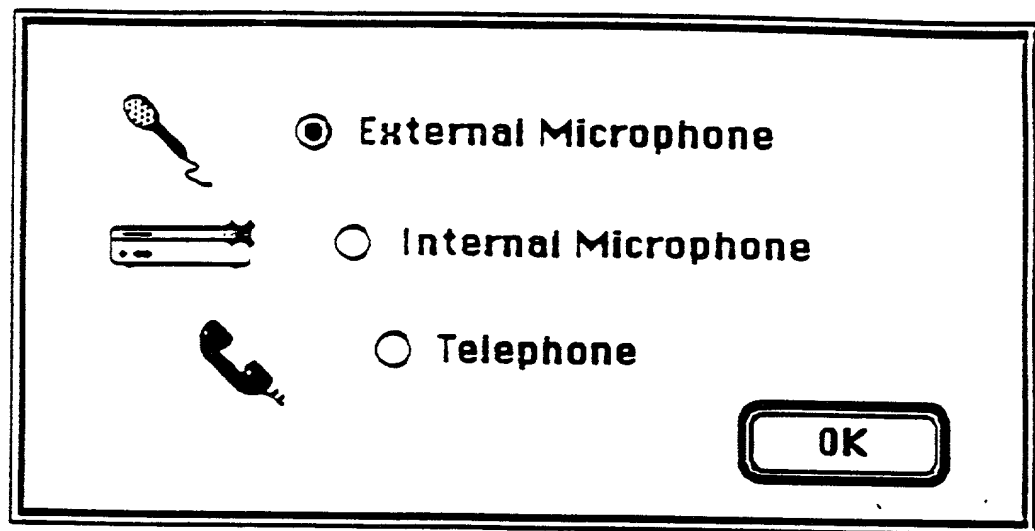


FIGURE 55

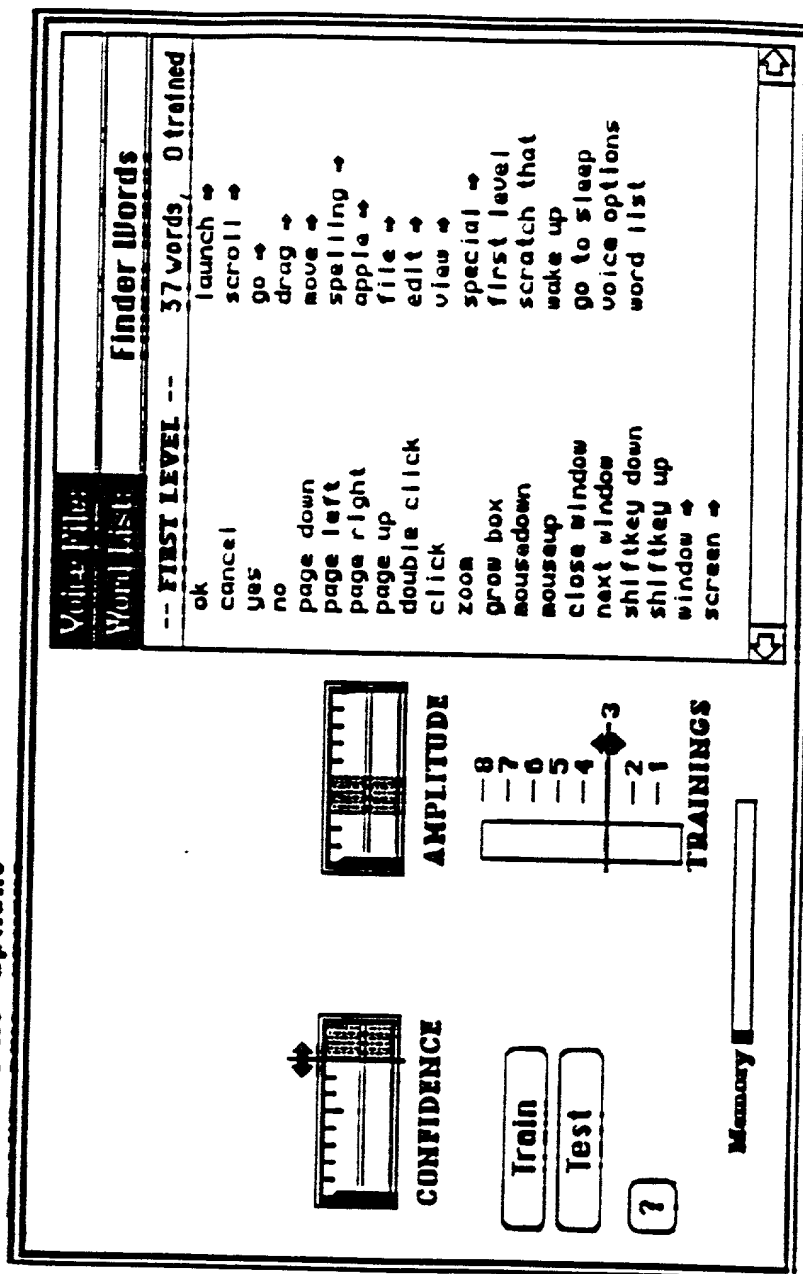
[illegible]

FIGURE 56

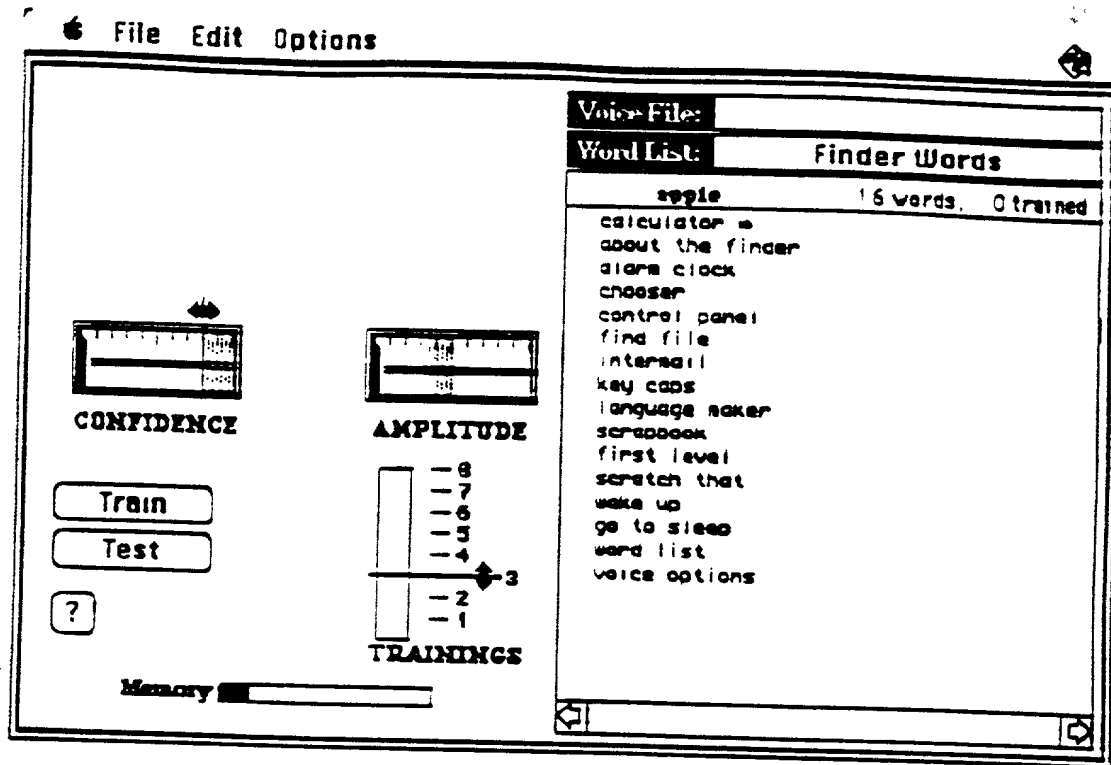


FIGURE 57

Click in this top
section to move up
a level

Word List:	Finder Words
apple	16 words, 0 trained
calculator =	
about the finder	
alarm clock	
chooser	
control panel	
find file	
internall	
key caps	
language editor	
scrabbook	
first level	
scratch that	
wake up	
go to sleep	
word list	
voice options	

FIGURE 58

Word List:	Finder Words
-- FIRST LEVEL --	37 words, 0 trained
ok	launch ➡
cancel	scroll ➡
yes	go ➡
no	drag ➡

FIGURE 59

FIGURE 60

scroll ➤
 go ➤
 move ➤
 spelling ➤
 apple ➤
 file ➤
 edit ➤
 view ➤
 special ➤
 first level

FIGURE 61

Click in this top
 section to move up
 a level

Word List:	Finder Words
apple	16 words, 0 trained
calculator ➤	
about the finder	
alarm clock	

FIGURE 62

Voice File:	G's Finder Voice
Word List:	Finder Words
-- FIRST LEVEL --	
37 words, 4 trained	
♦ ok	♦ launch ➡
♦ cancel	♦ scroll ➡

FIGURE 64

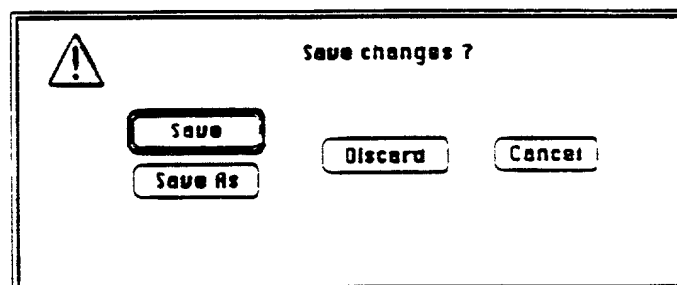


FIGURE 63

Word List + Voice File



Say a Word From the
Word List

Voice Control



VOICE RECOGNITION

FIGURE 65

🍏 File Edit View Special

FIGURE 66

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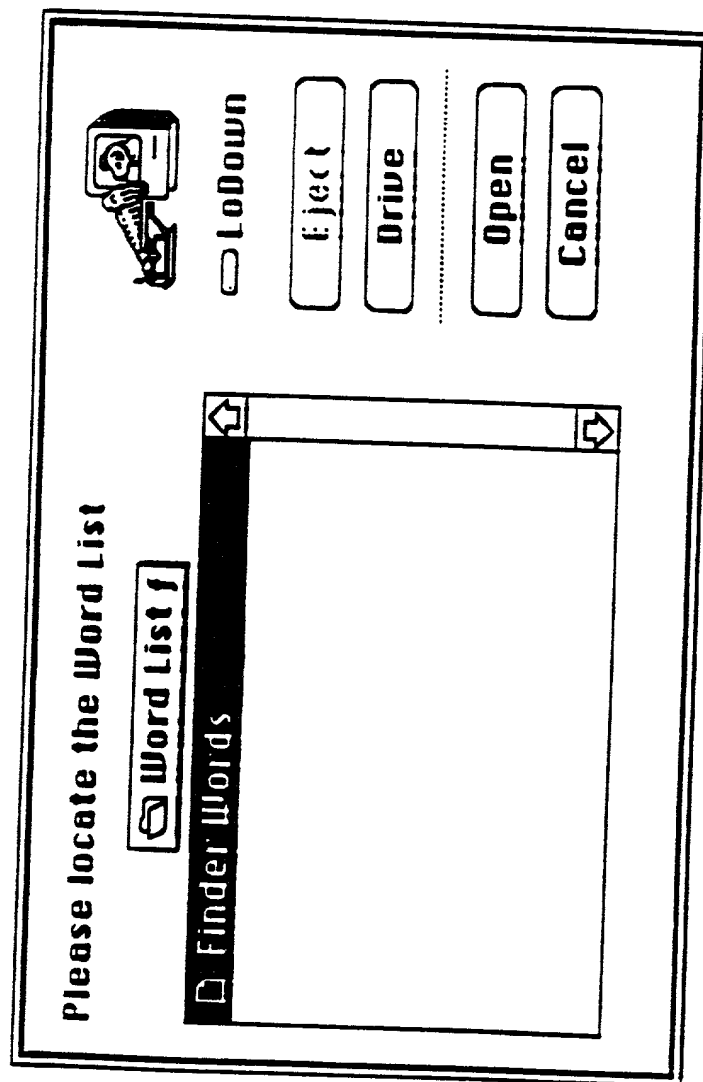


FIGURE 67

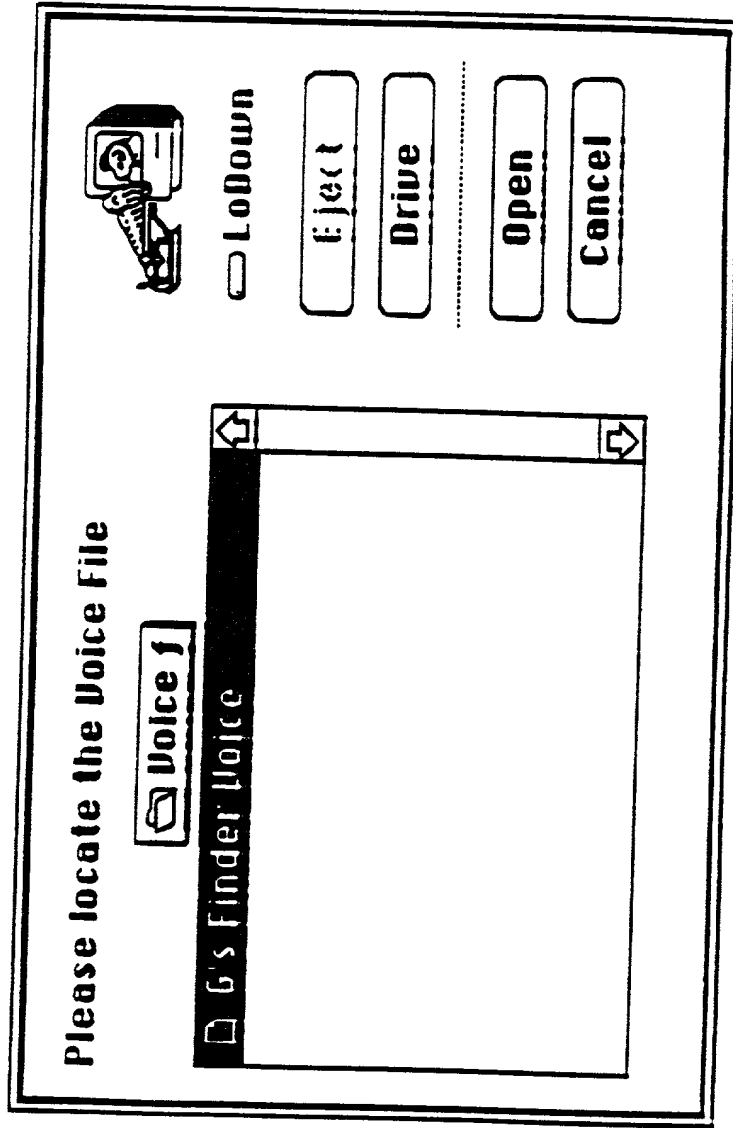


FIGURE 68

FIGURE 69

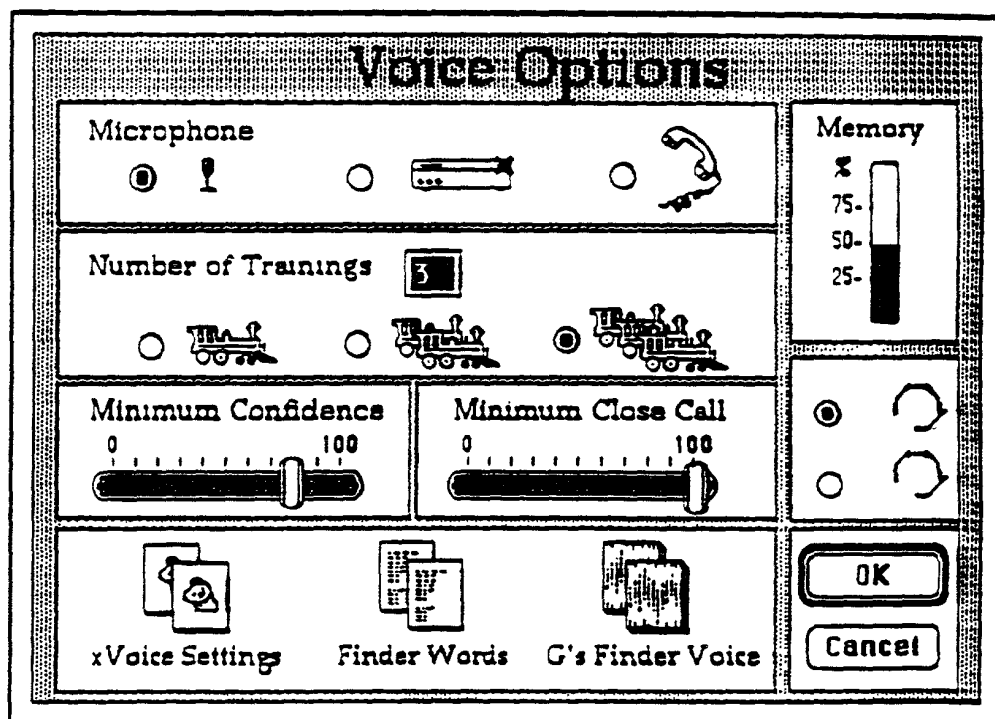


FIGURE 70

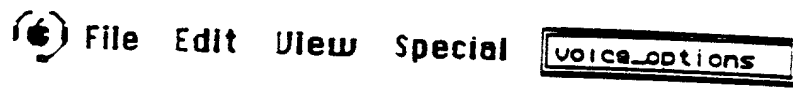


FIGURE 71

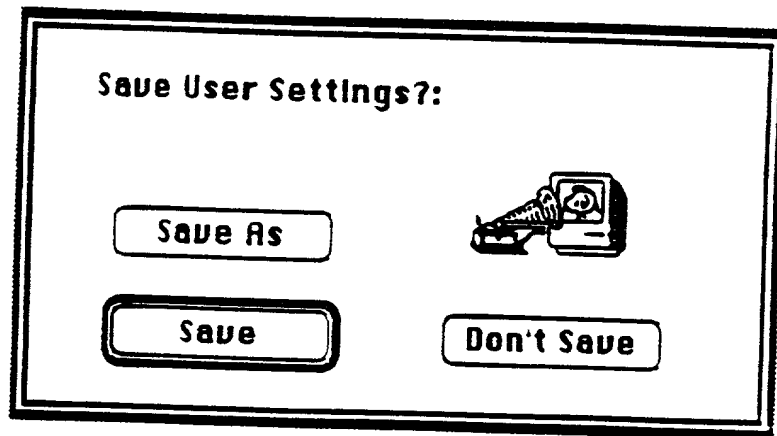


FIGURE 72

Please enter the
new User Name:

Voice Settings

Save

Cancel




FIGURE 73













Voice Options		
Microphone <input checked="" type="radio"/>  <input type="radio"/>  <input type="radio"/> 		Memory 
Number of Trainings <input type="radio"/>  <input type="radio"/>  <input checked="" type="radio"/> 		
Minimum Confidence <input type="range" value="50"/>	Minimum Close Call <input type="range" value="50"/>	<input checked="" type="radio"/>  <input type="radio"/> 
 xVoice Settings	 Finder Words	 G's Finder Voice
		<input type="button" value="OK"/> <input type="button" value="Cancel"/>

FIGURE 74

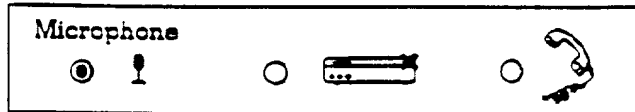


FIGURE 75

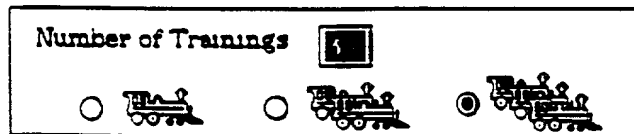


FIGURE 76

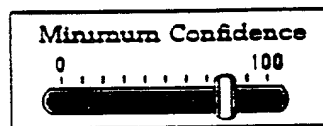


FIGURE 77

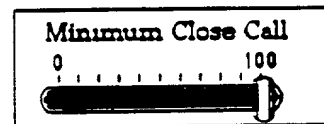


FIGURE 78

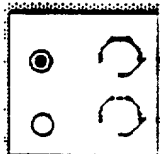


FIGURE 79



FIGURE 80

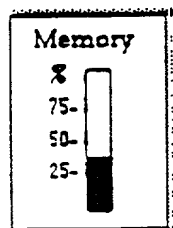


FIGURE 81

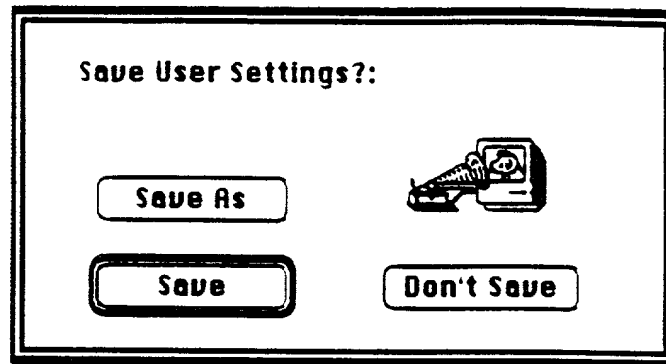


FIGURE 82

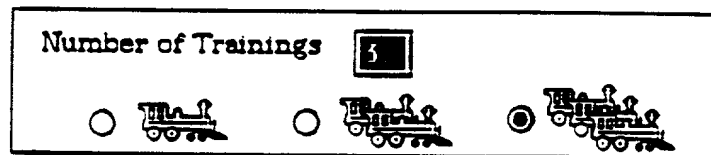


FIGURE 83

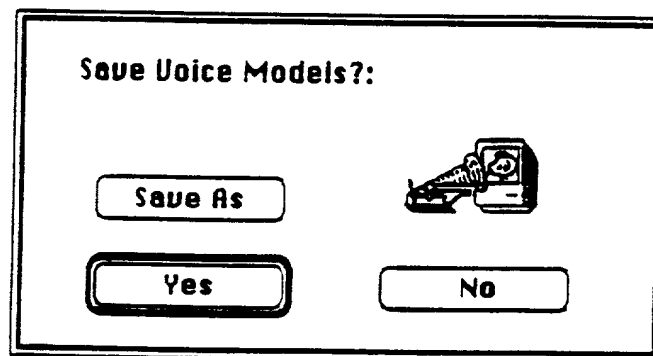


FIGURE 84

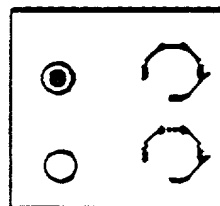


FIGURE 85

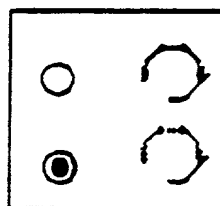
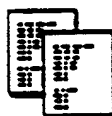


FIGURE 86



NO Word List



NO Voice File

FIGURE 87

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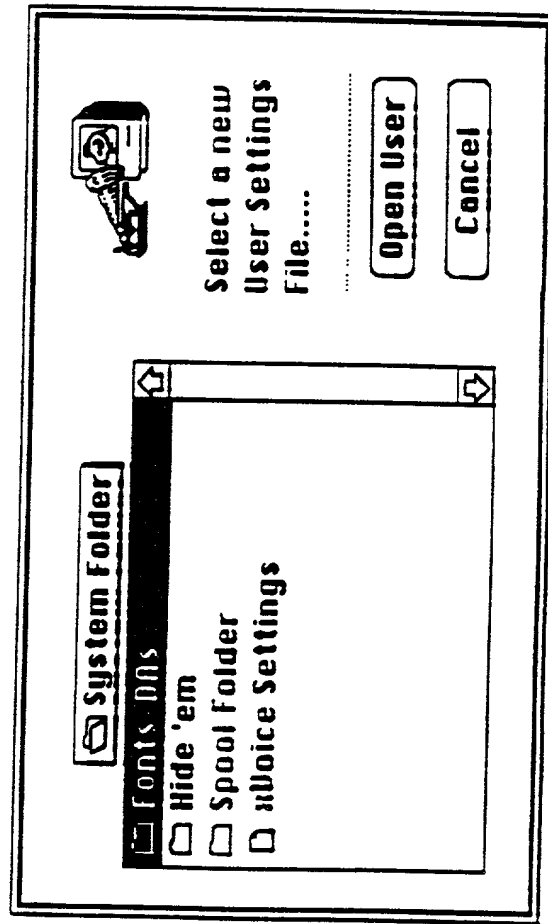


FIGURE 88

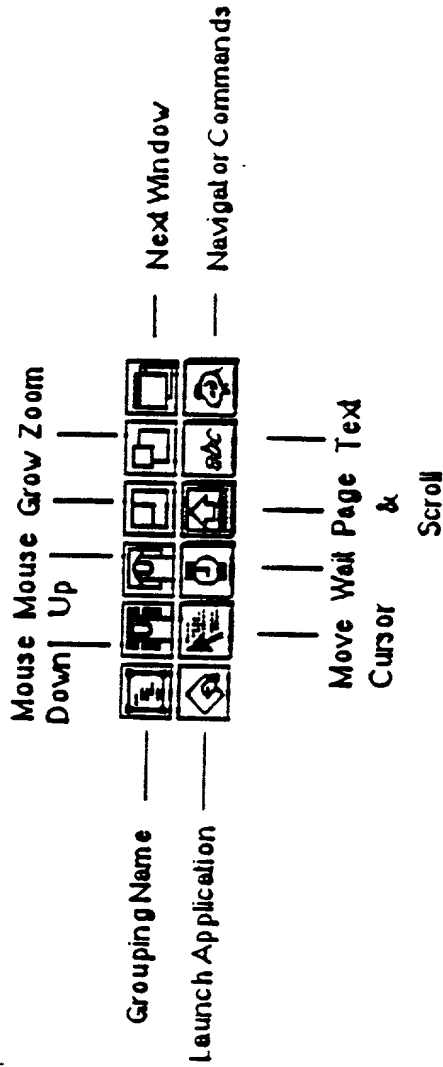


FIGURE 89

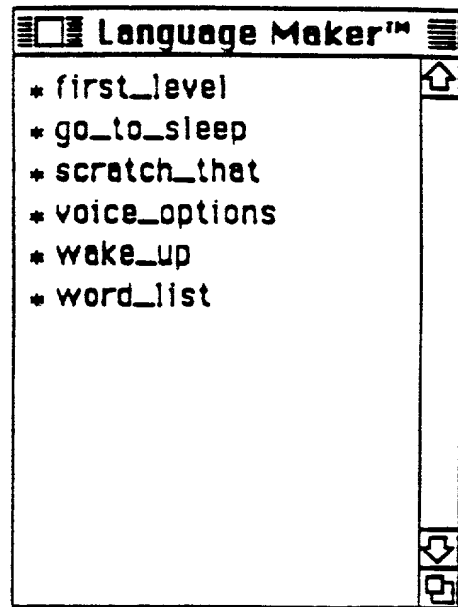


FIGURE 90

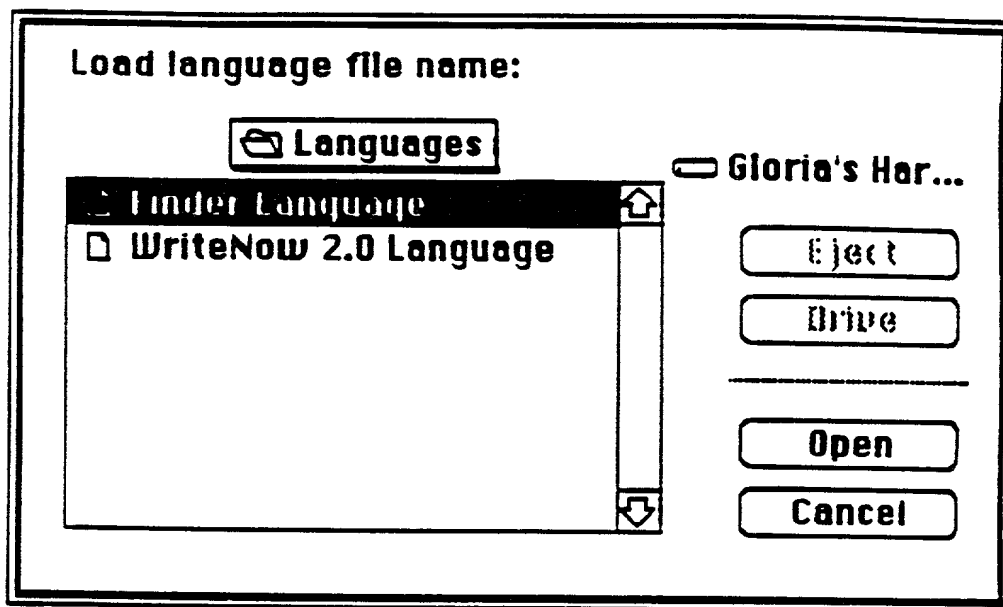


FIGURE 91

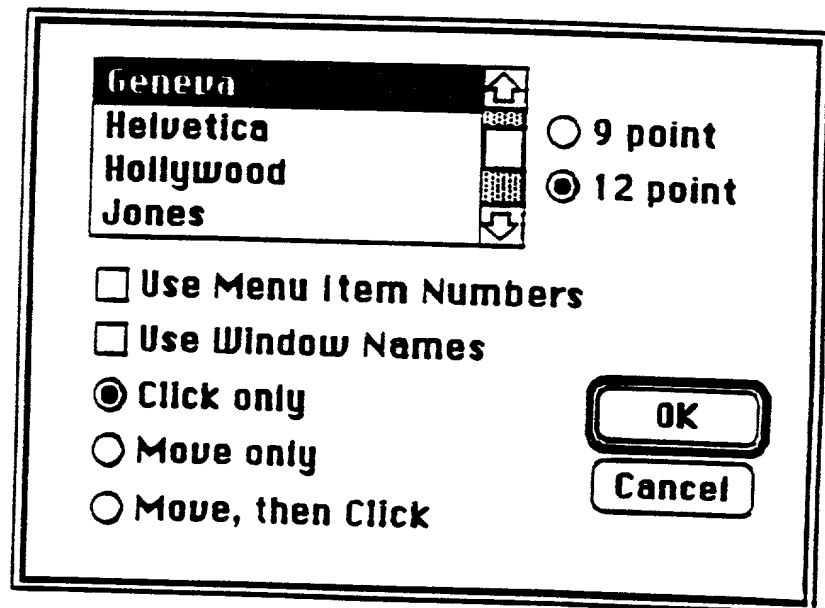


FIGURE 92

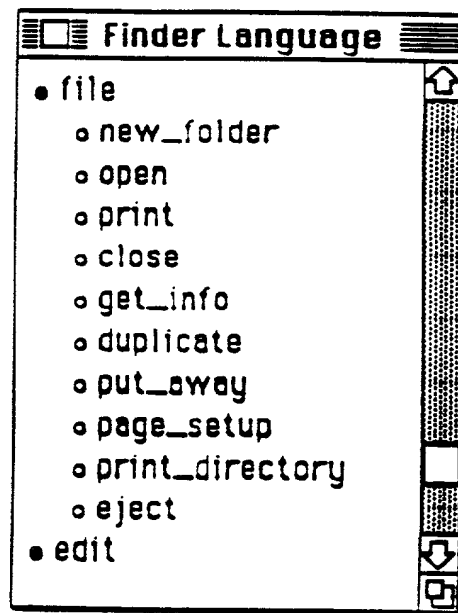
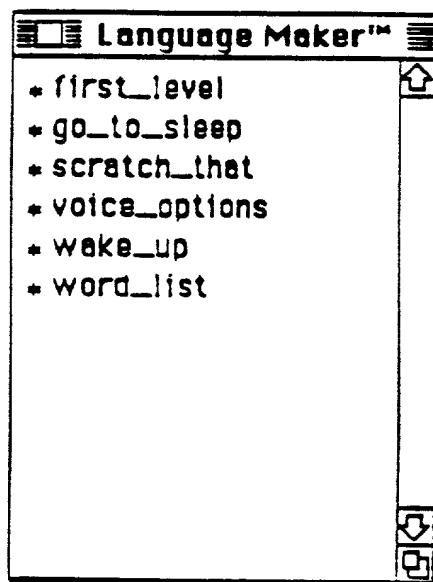


FIGURE 93



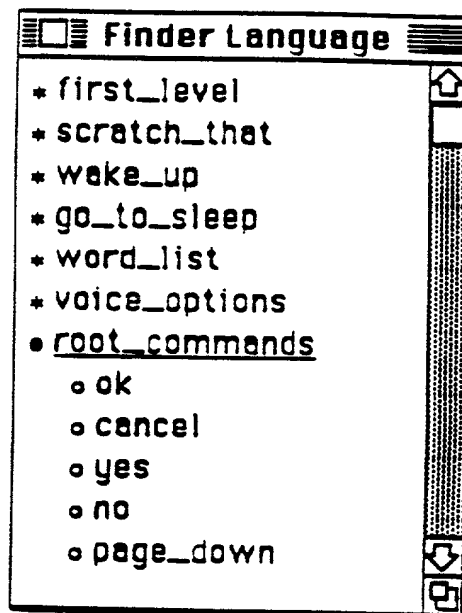


FIGURE 95

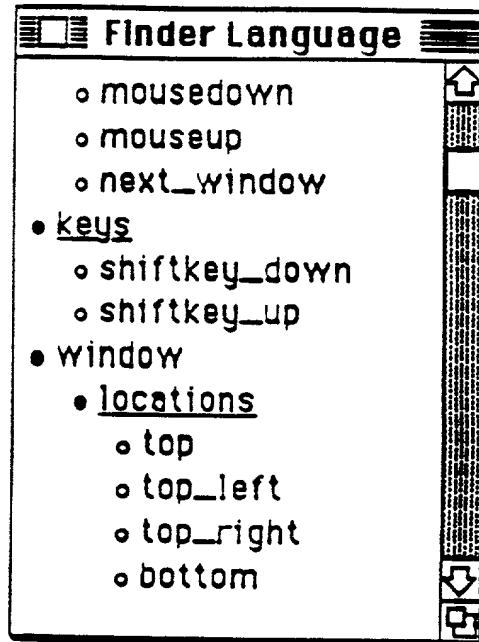


FIGURE 96

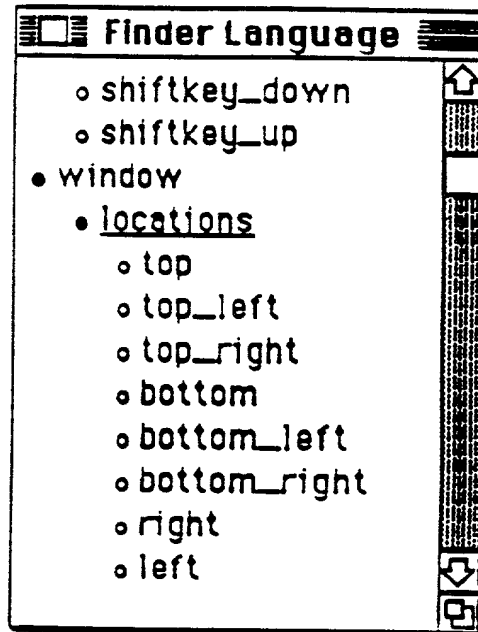


FIGURE 97

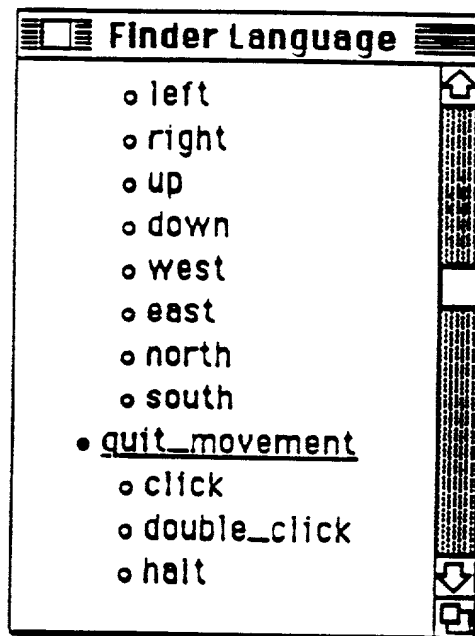


FIGURE 98

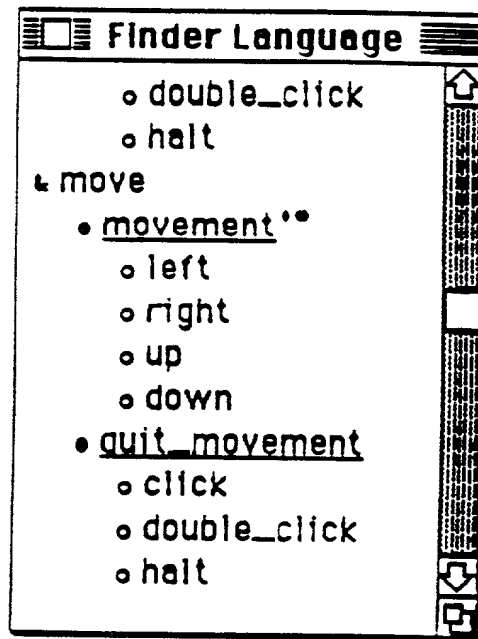


FIGURE 99

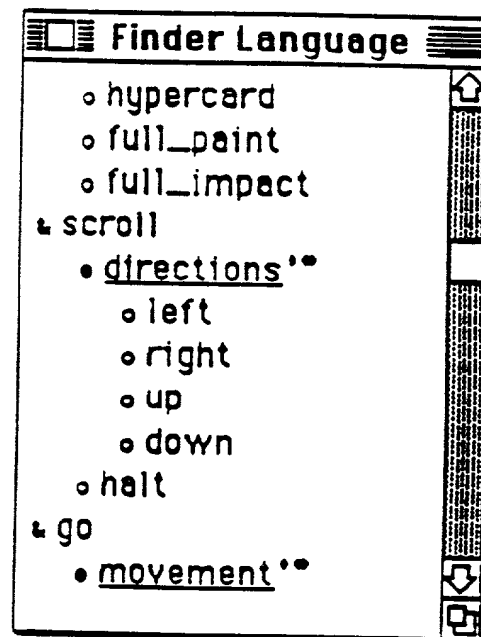


FIGURE 100

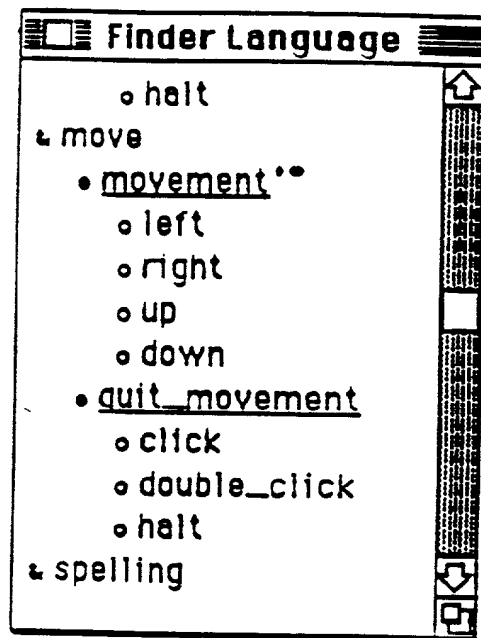


FIGURE 101

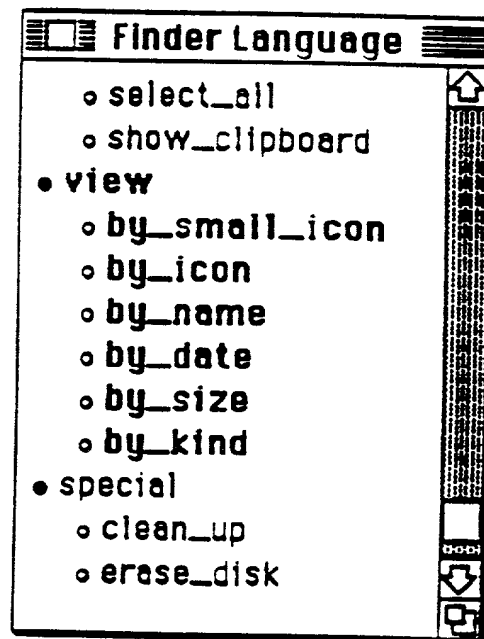


FIGURE 102

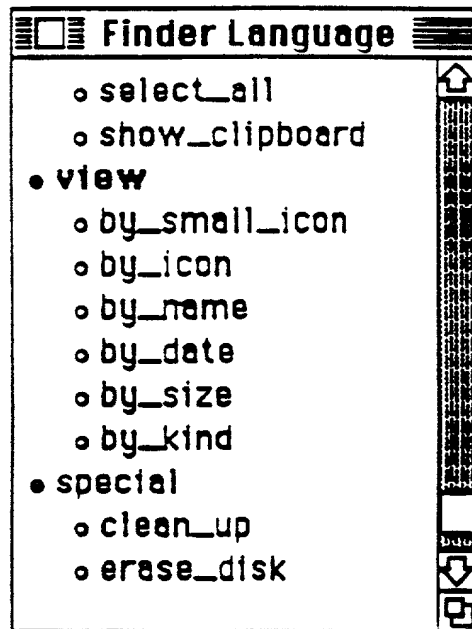


FIGURE 103

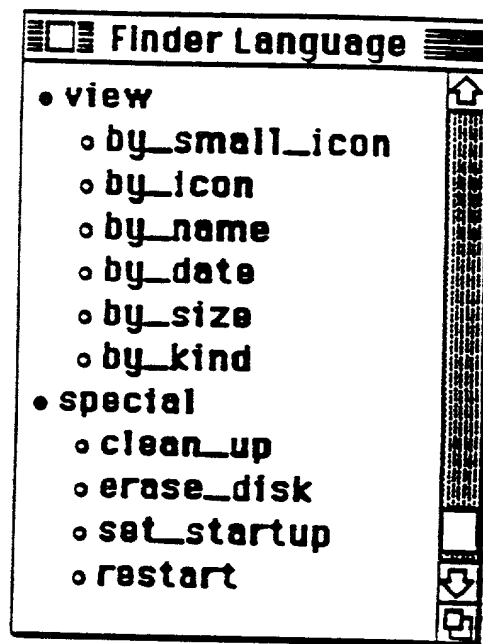


FIGURE 104

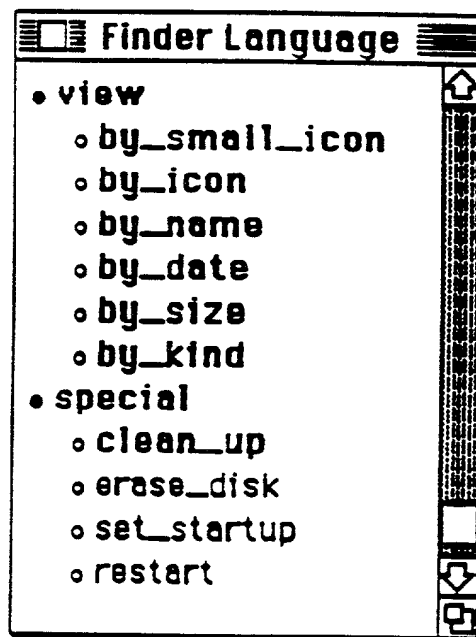


FIGURE 105

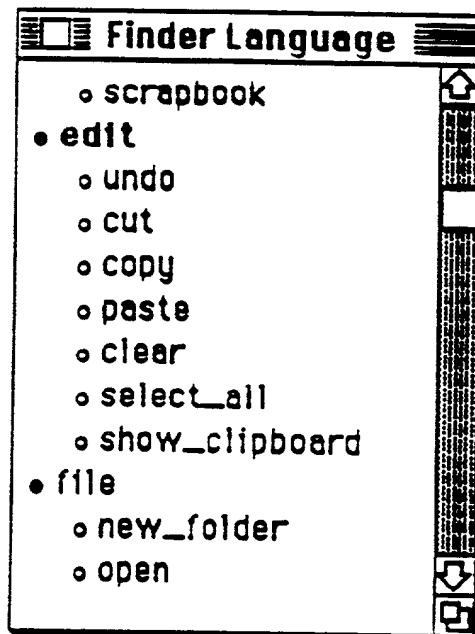


FIGURE 106

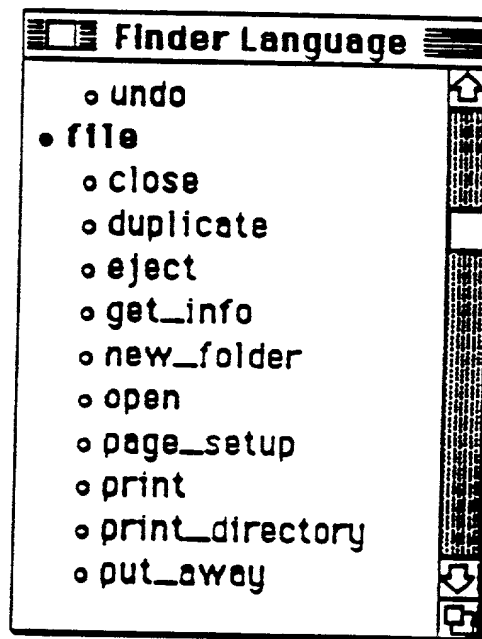


FIGURE 107

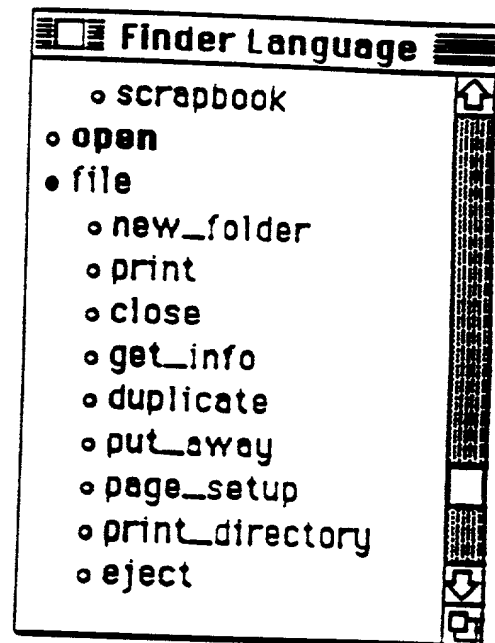
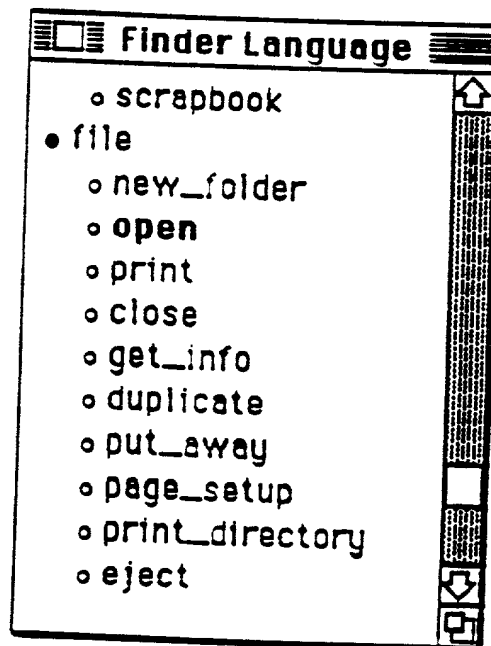


FIGURE 108

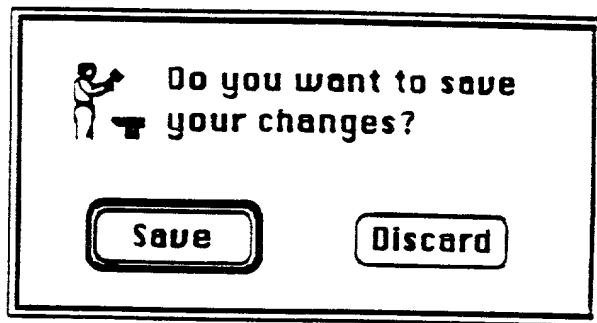


FIGURE 109

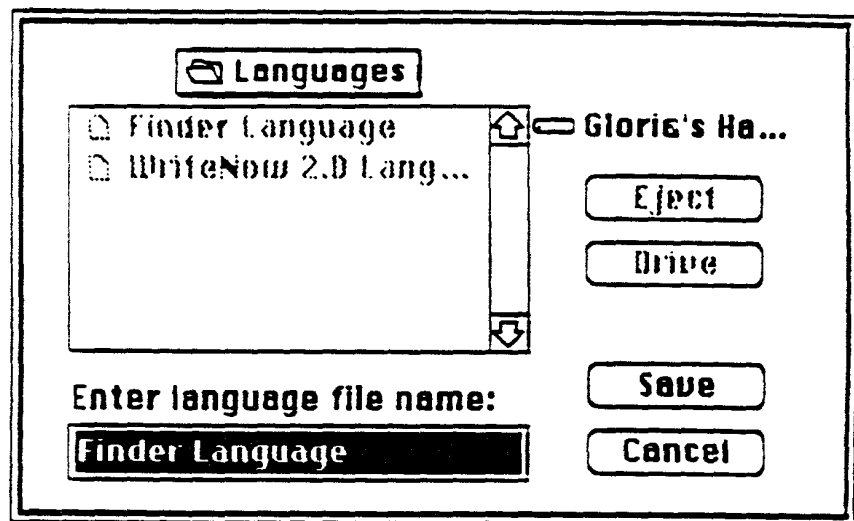


FIGURE 110

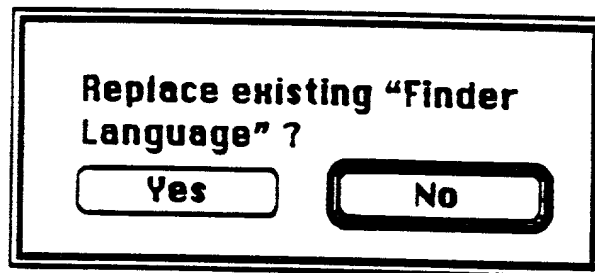


FIGURE 111



Finder

FIGURE 112



Finder Words

FIGURE 113

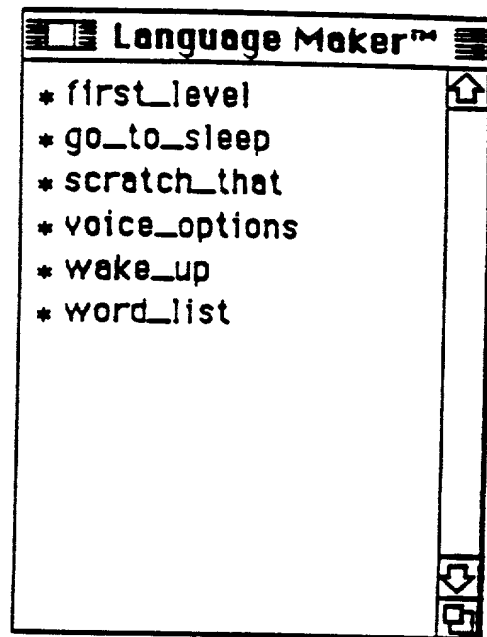


FIGURE 114

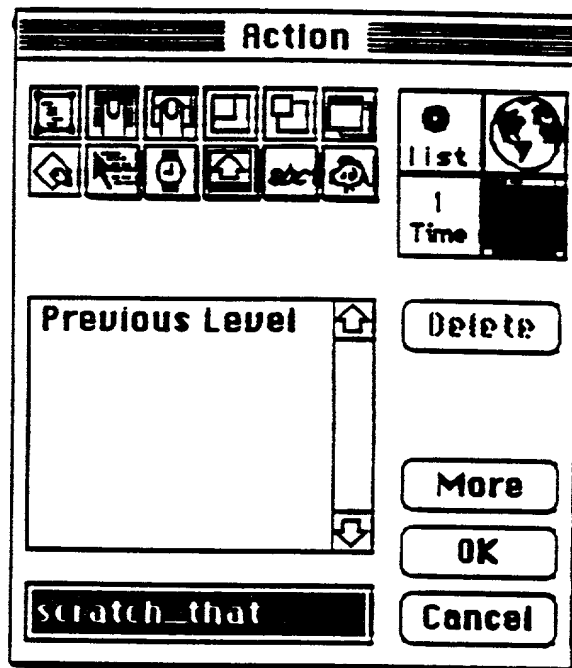


FIGURE 115

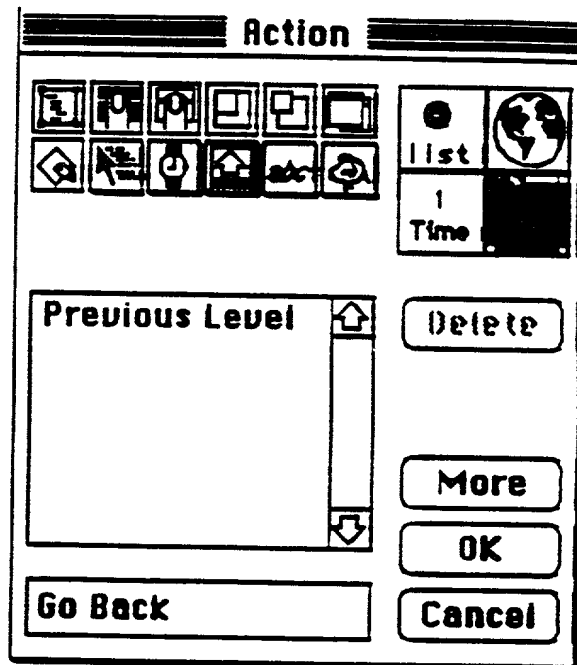


FIGURE 116

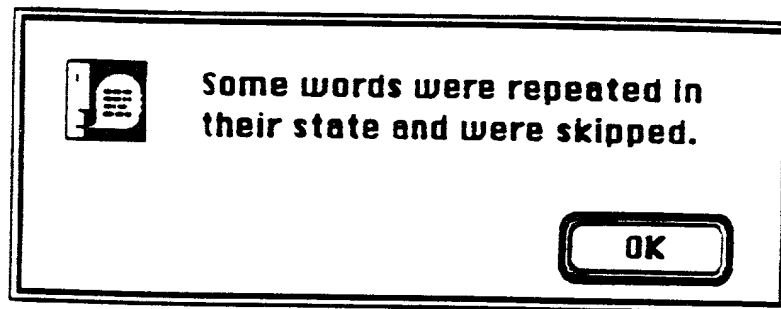


FIGURE 117

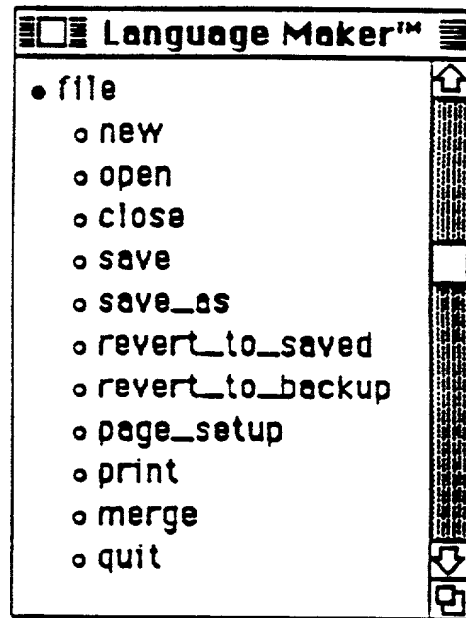


FIGURE 118

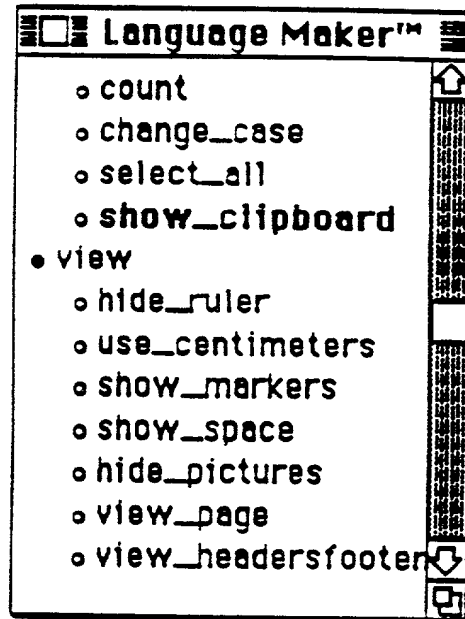


FIGURE 119

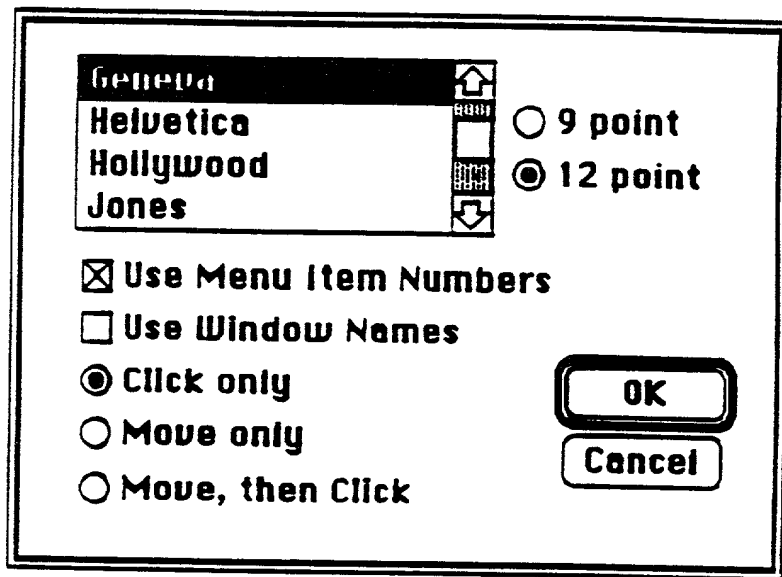


FIGURE 120

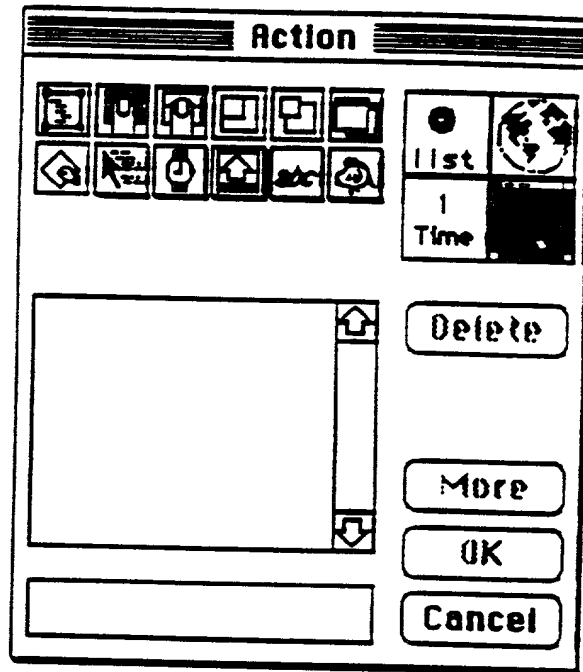


FIGURE 121

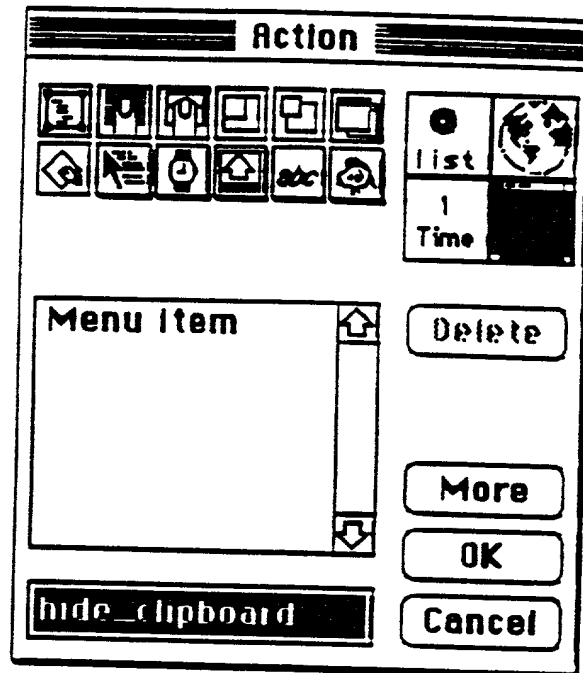


FIGURE 122

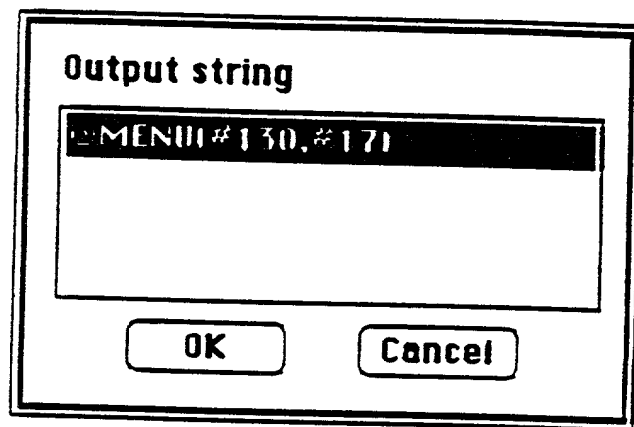


FIGURE 123

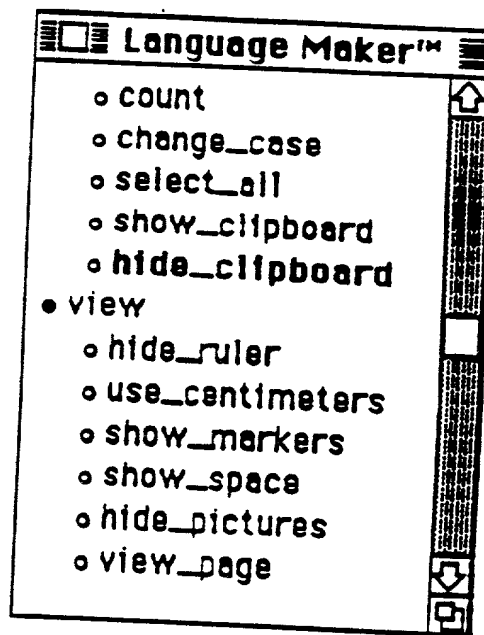
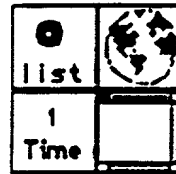


FIGURE 124



Screen Relative



Window Relative

FIGURE 125

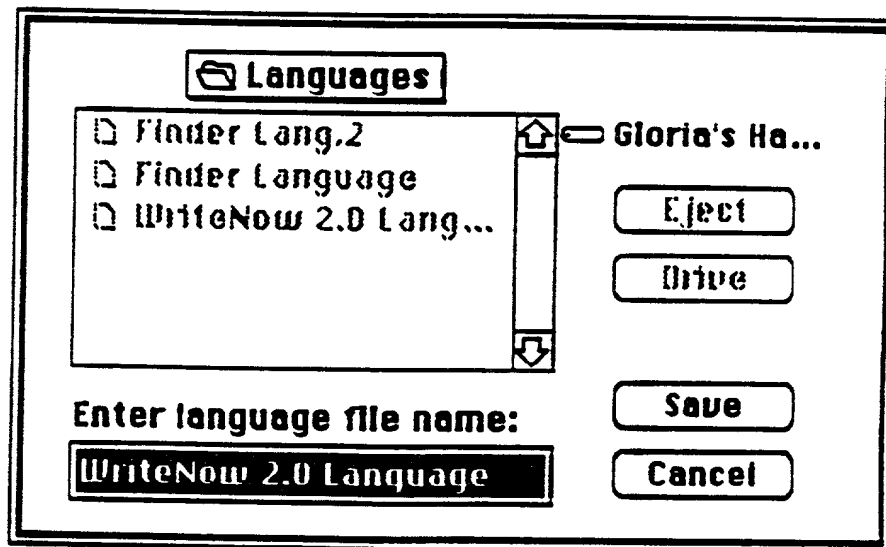


FIGURE 126

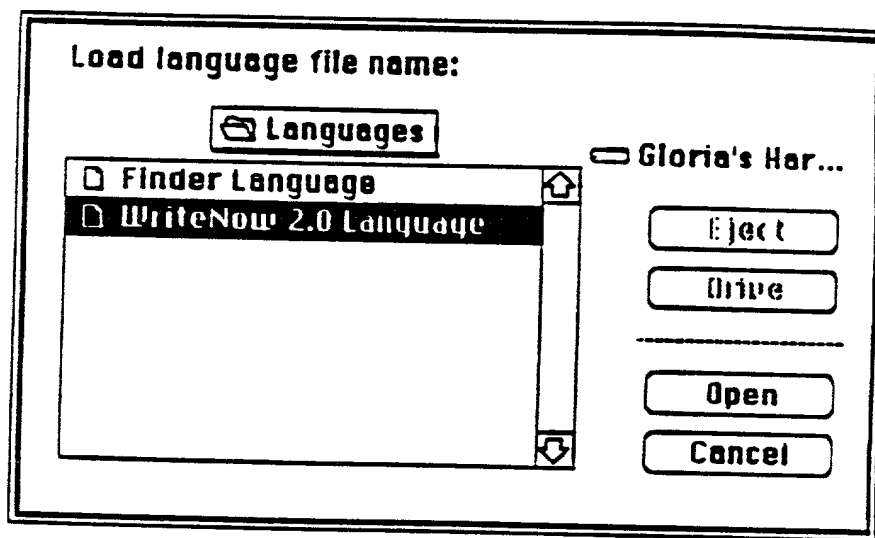


FIGURE 127

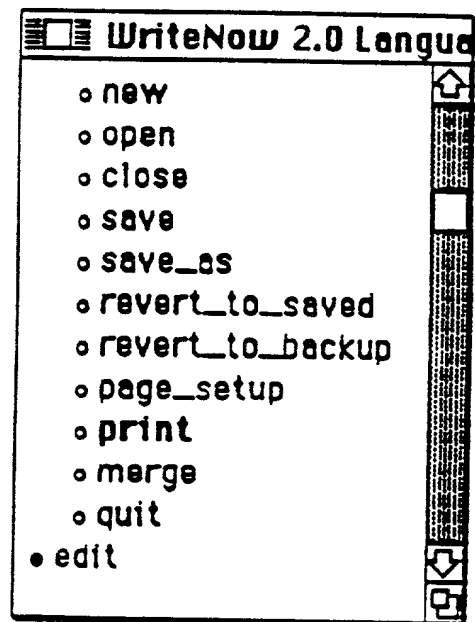


FIGURE 128

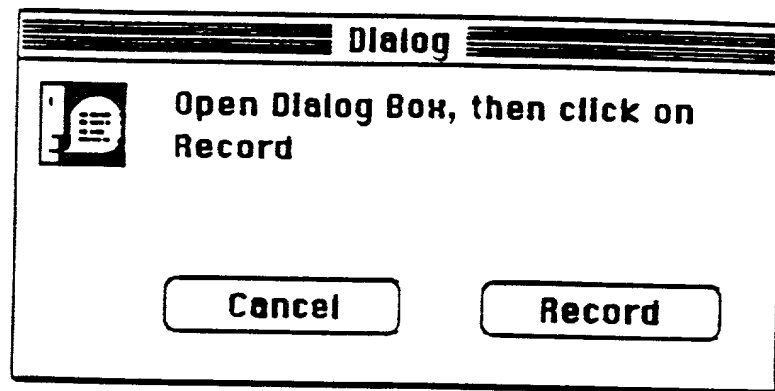


FIGURE 129

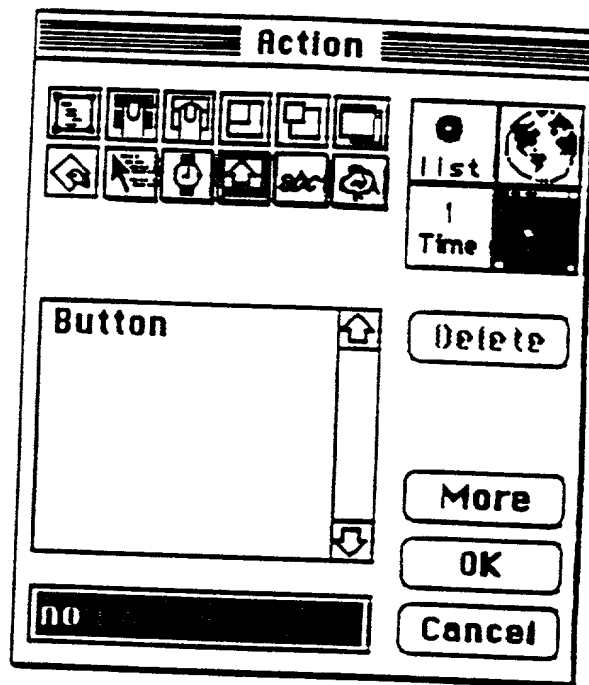


FIGURE 130

Group
Icon

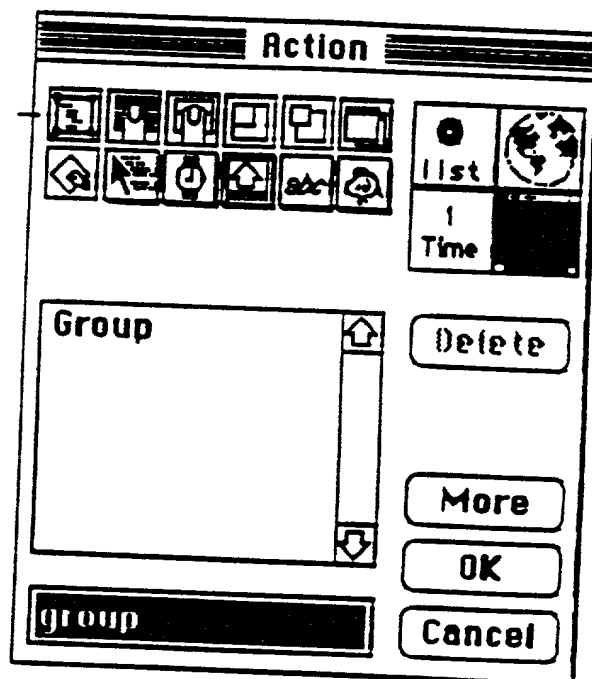


FIGURE 131

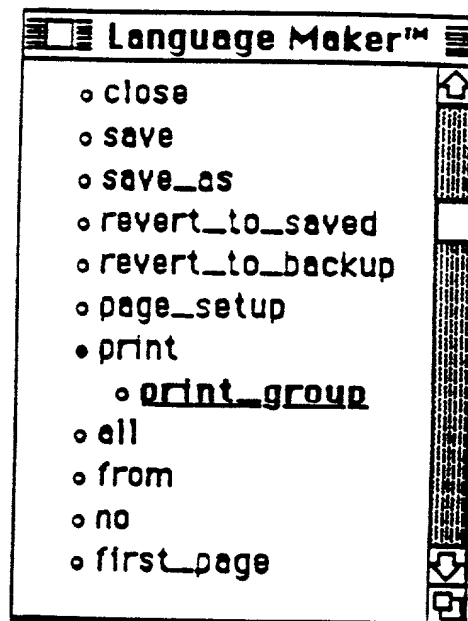


FIGURE 132

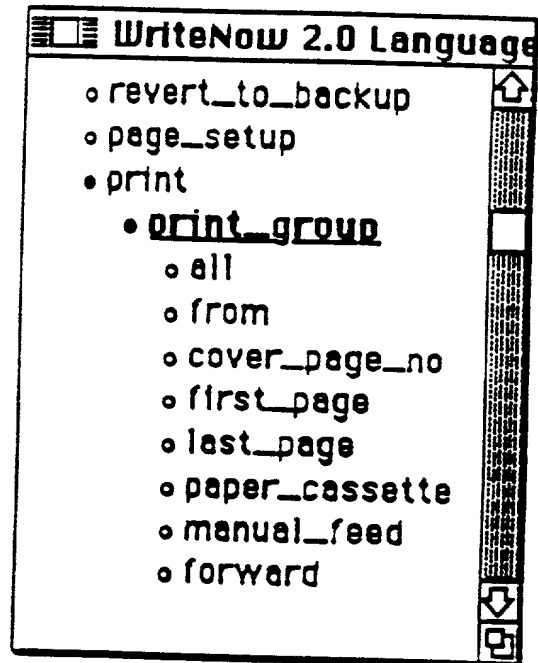


FIGURE 133

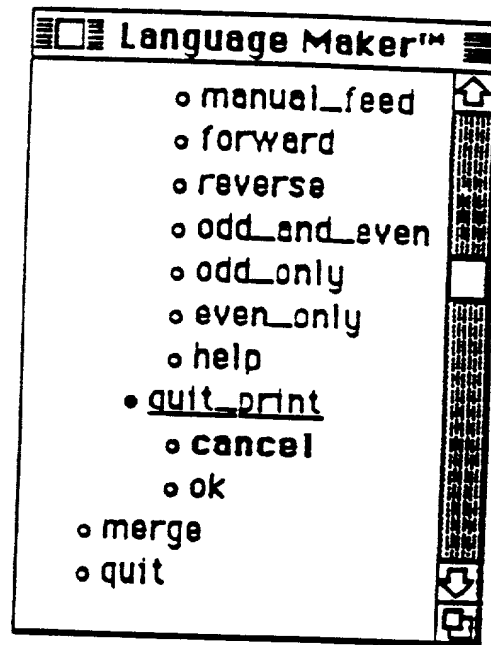
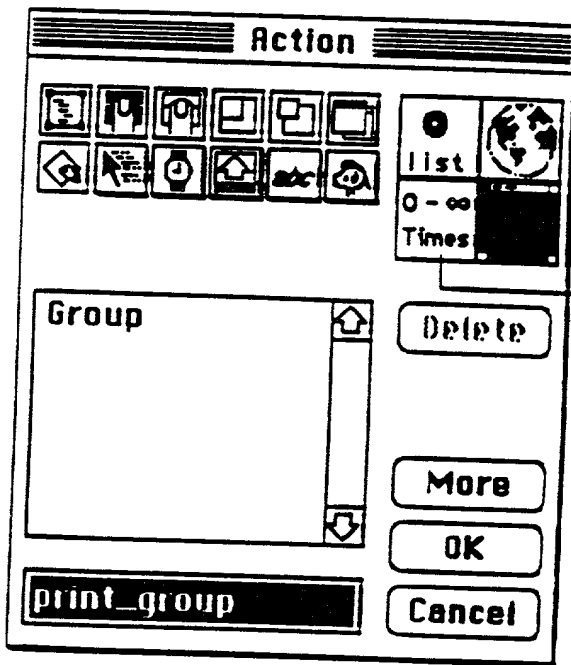


FIGURE 134



Repetition:
0 to ∞ Times

FIGURE 135

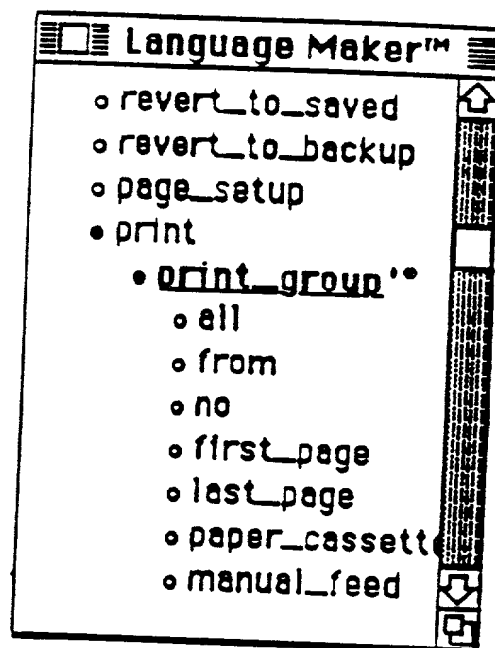


FIGURE 136

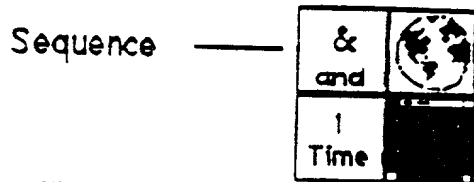


FIGURE 137

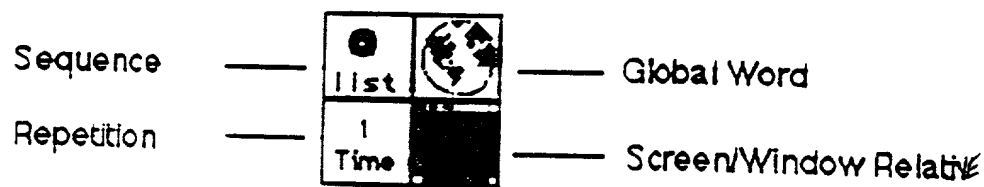


FIGURE 138

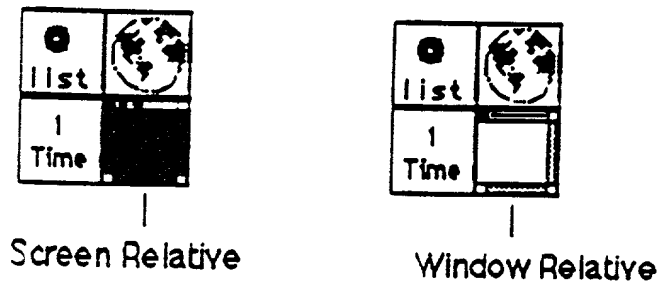
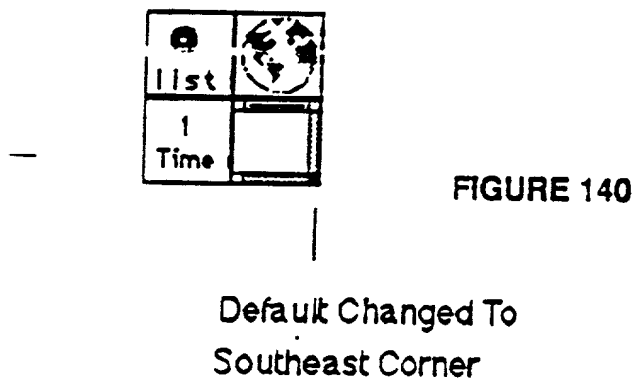


FIGURE 139



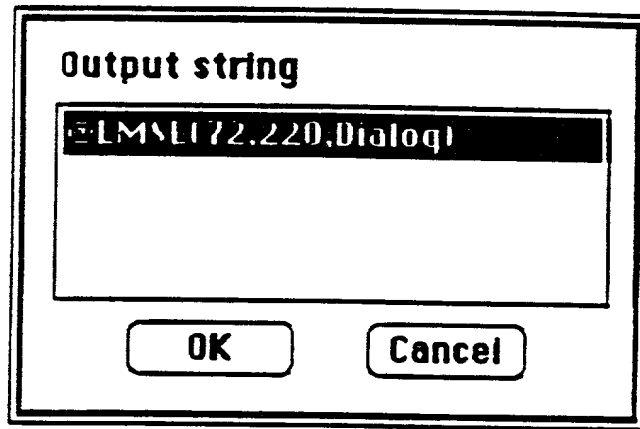


FIGURE 141

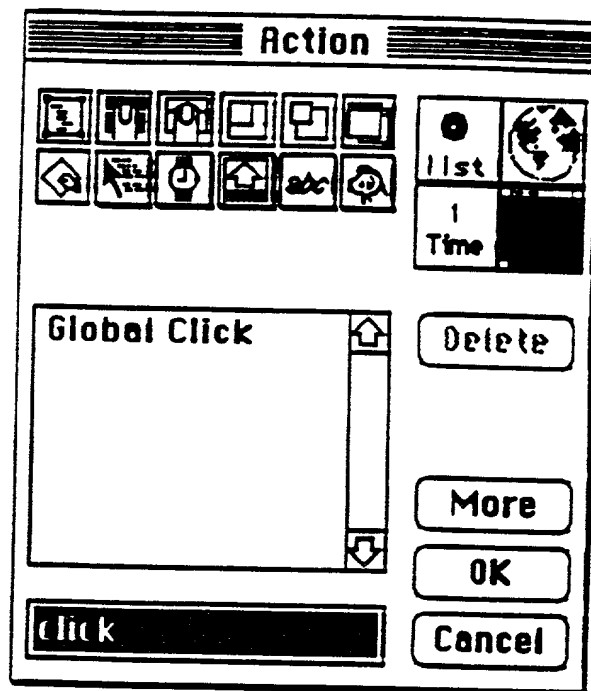


FIGURE 142

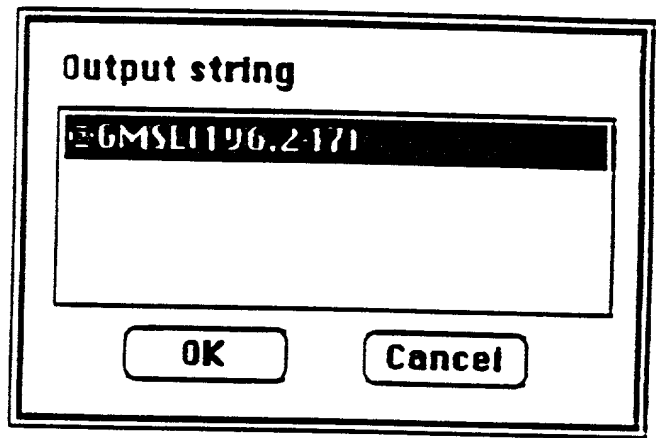


FIGURE 143

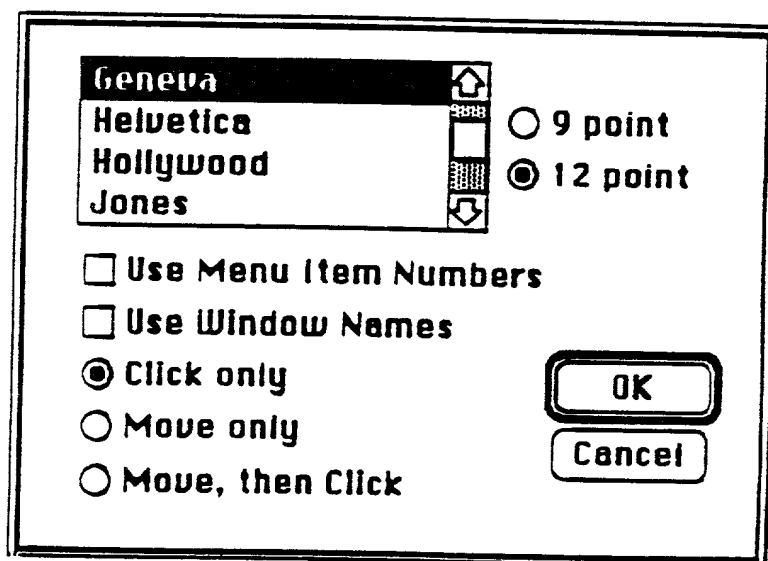


FIGURE 144

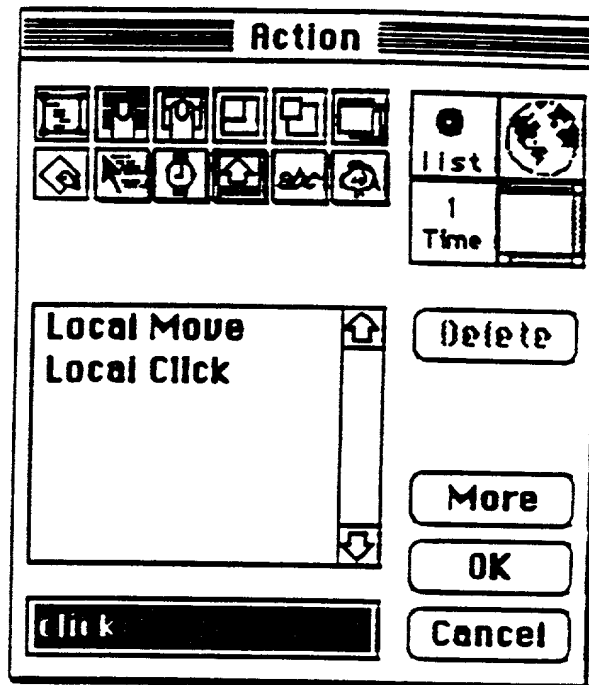


FIGURE 146

Mouse Down



FIGURE 147

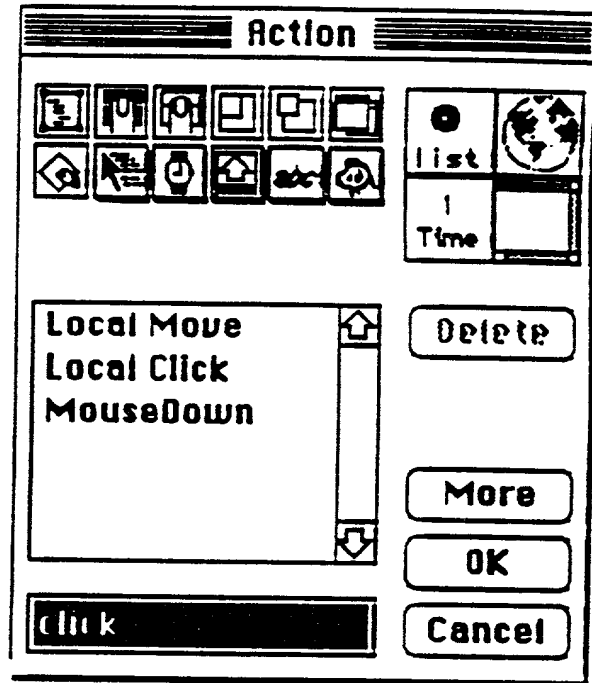


FIGURE 148

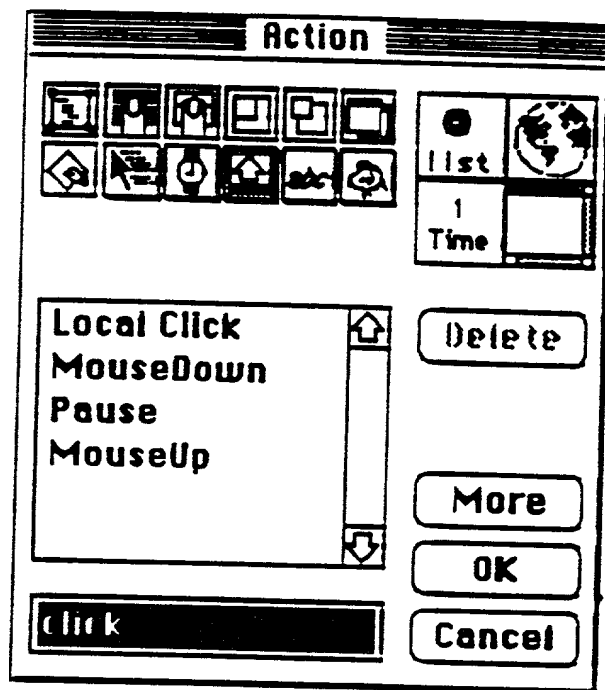
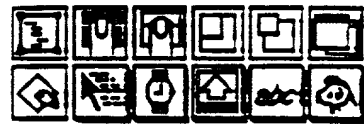


FIGURE 149



Scroll & Page

FIGURE 150

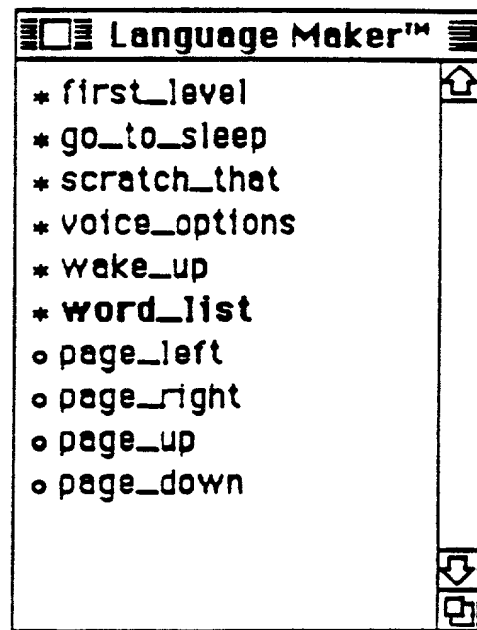


FIGURE 151

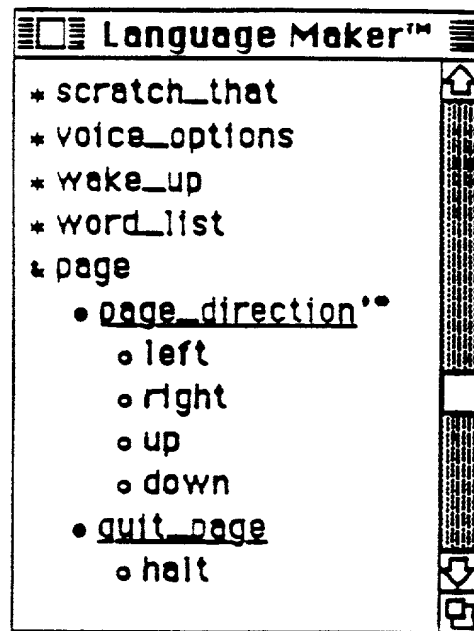


FIGURE 152

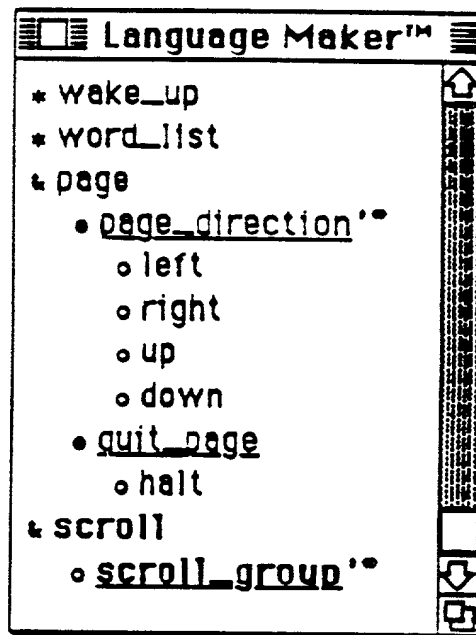


FIGURE 153

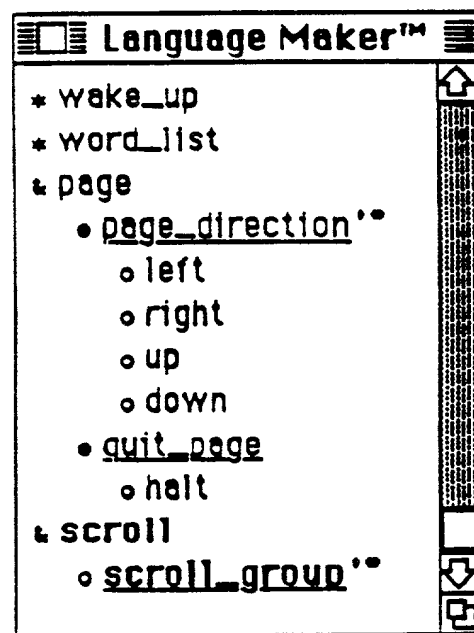


FIGURE 154



Move

FIGURE 155

Zoom



FIGURE 156

Grow Box



FIGURE 157

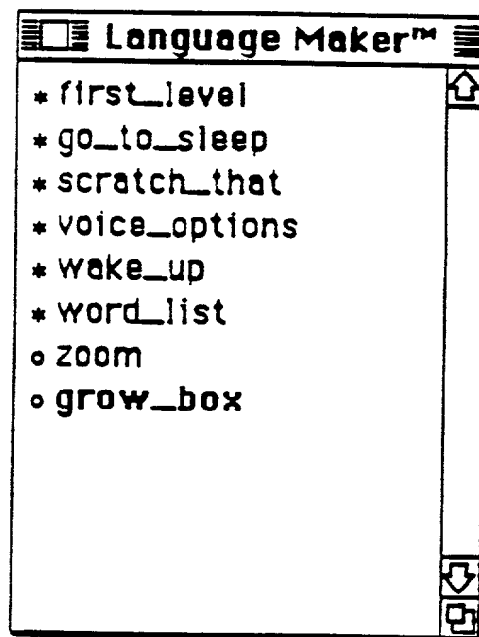
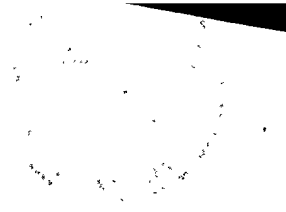
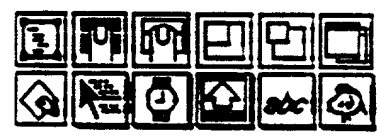


FIGURE 158



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Launch

FIGURE 159

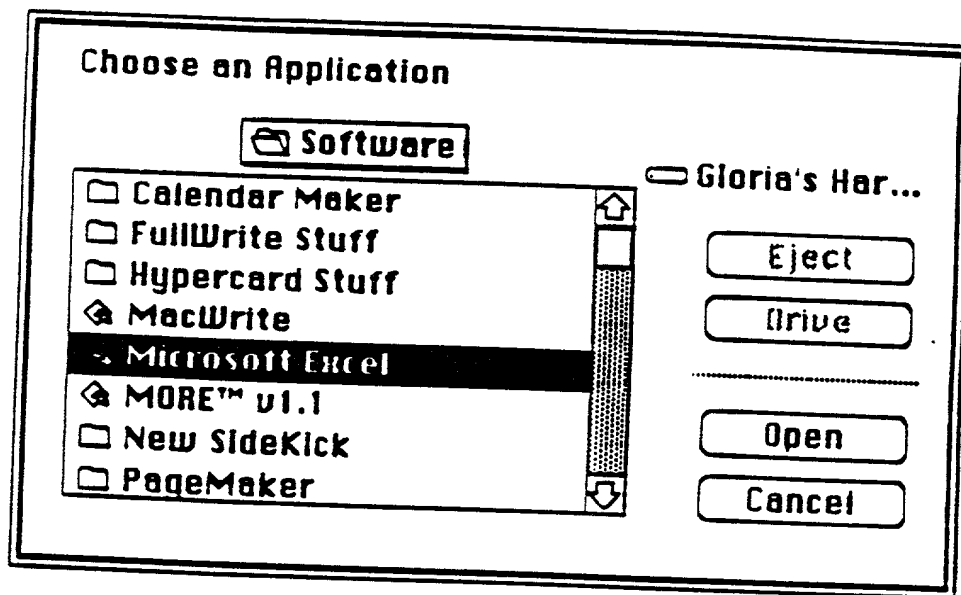


FIGURE 160

Microsoft Excel 97 Help

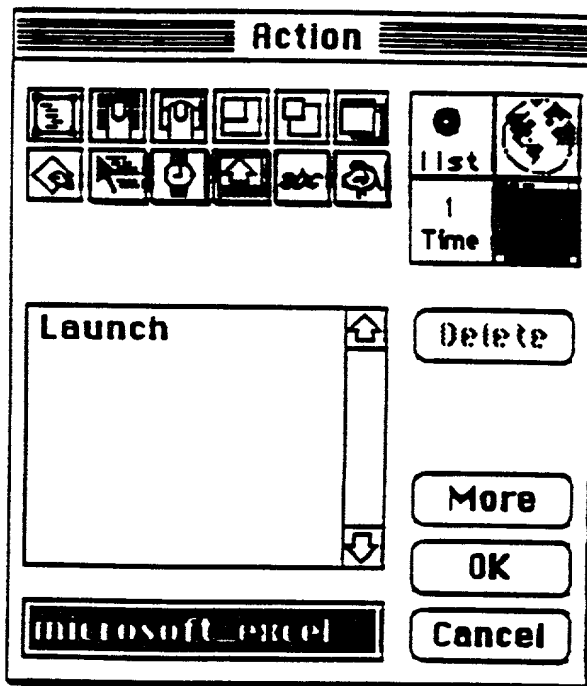


FIGURE 161

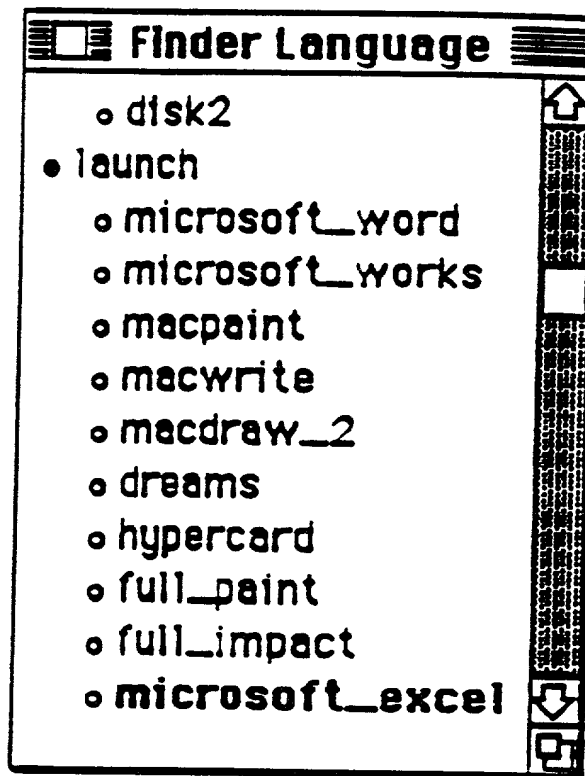
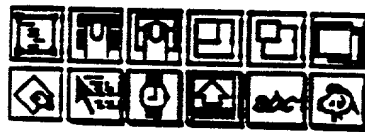


FIGURE 162



Navigator

FIGURE 163

Icon for Global Word



ART WORK CATEGORIES

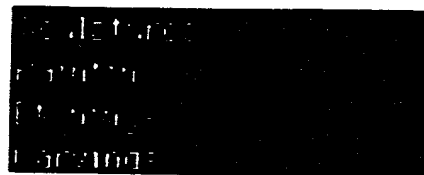


FIGURE 164

FIGURE 165

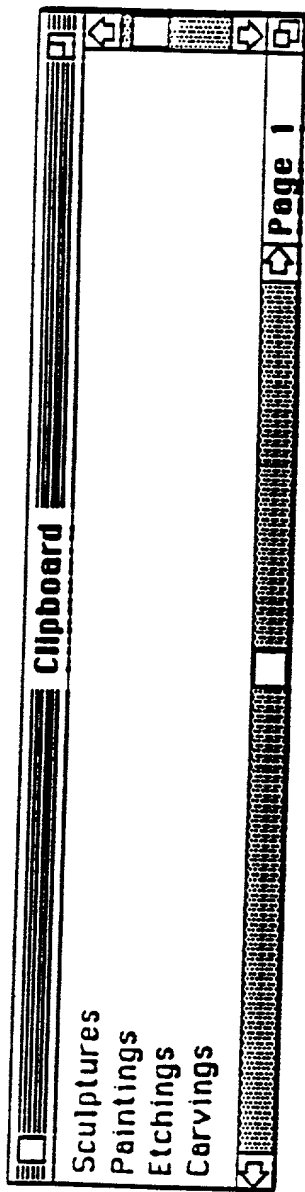


FIGURE 166

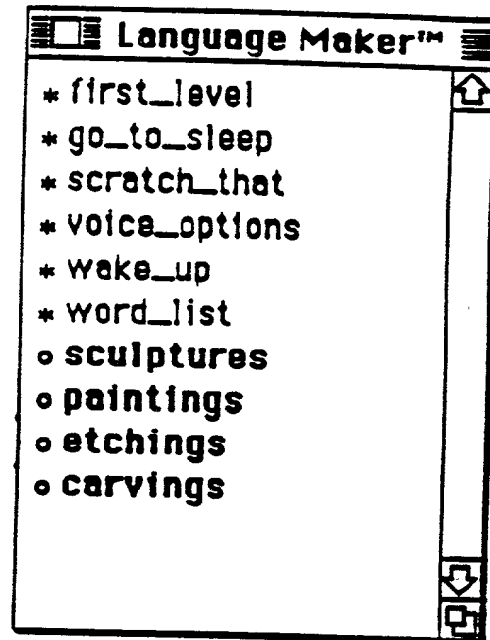
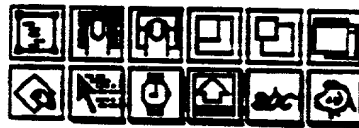


FIGURE 167



|
Text

FIGURE 168

Enter text to type

OK Cancel

FIGURE 169

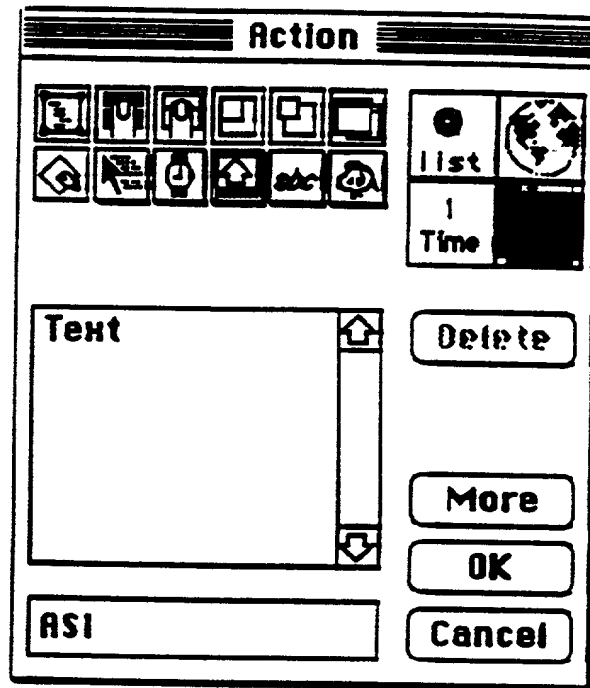


FIGURE 170

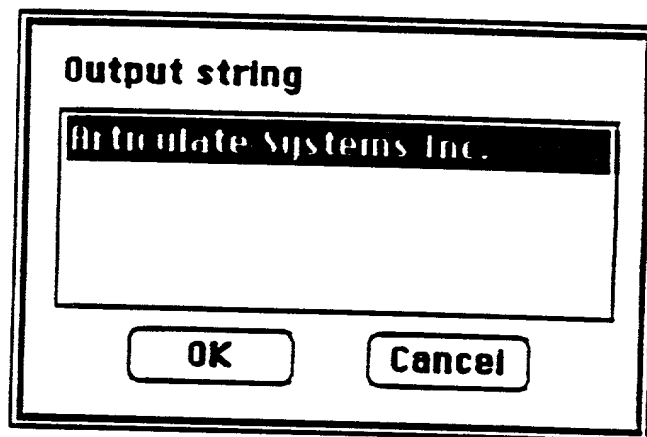


FIGURE 171

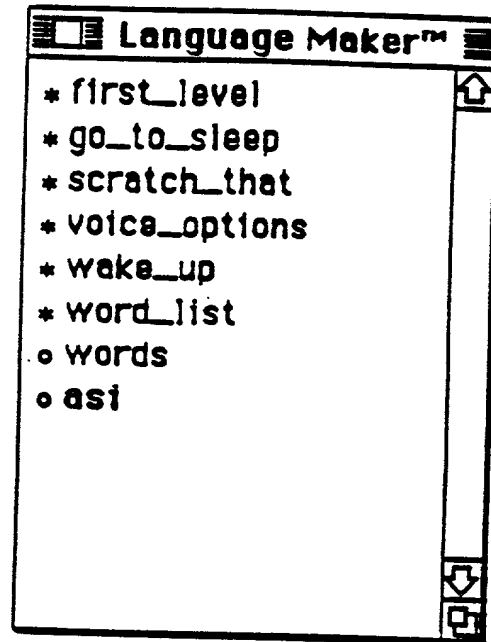


FIGURE 172

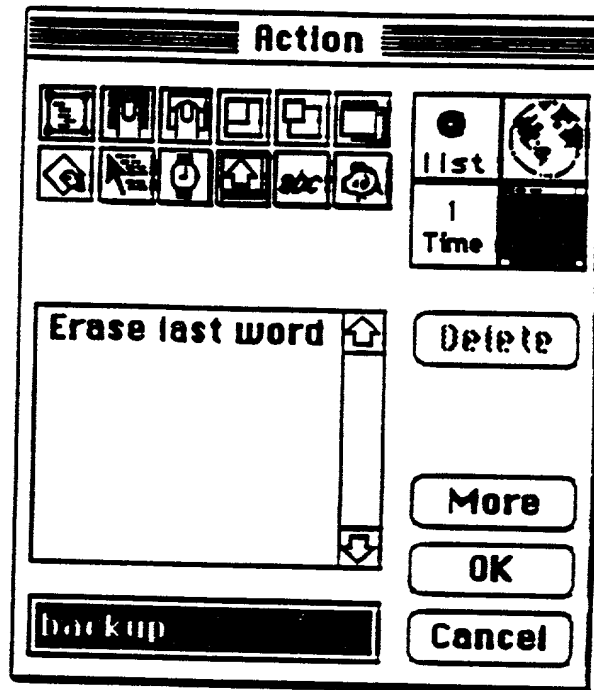


FIGURE 173